June 12, 2026
Project No. 045163

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup
Northeast Regional Office
150 Presidential Way
Woburn, MA 01801

Re: Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts
Mass DEP RTN 3-23246

Dear Sir/Madam:

On behalf of UniFirst Corporation (UniFirst) of Wilmington, Massachusetts, GEI Consultants, Inc. (GEI) is submitting the results of indoor and soil vapor sampling conducted at 50 Tufts Street Site in Somerville, Massachusetts (the Site; Figure 1 and 2) in January and March of 2026. The Site is identified by Massachusetts Department of Environmental Protection (MassDEP) Release Tracking Number (RTN) 3-23246.

These data would typically be provided in Phase V Status Report No. 29 and Remedial Monitoring Report No. 44 due in August 2026 but is being submitted at this time to support the Phase II Comprehensive Site Assessment (CSA) Addendum, as required by MassDEP's Notice of Audit Findings and Notice of Noncompliance dated December 12, 2024 (the "NAFNON")[1].

A Miscellaneous Documents Transmittal Form (BWSC126) was submitted via eDEP, and a copy is in Appendix A. Copies of property owner notification letters, including notice of sampling letters, chemical testing results letters, and other miscellaneous correspondence sent during the reporting period, are in Appendix B. A table summarizing communication with property owners and residents during these sampling events is in Table 1.

1. Overview

Between January and March 2026, indoor air and soil vapor samples were collected at several properties in response to the December 12, 2024, NAFNON, and at other properties as part of ongoing evaluations of vapor intrusion pathways and Release Abatement Measure (RAM) activities.

[1] The Phase II report will be submitted prior to the deadline of June 13, 2026, consistent with the extension of the deadlines in the NAFNON described in the letter from MassDEP dated March 4, 2026.

In the NAFNON, MassDEP required 2 rounds of indoor air sampling at 9 properties where passive exposure pathway mitigation measures (EPMMs) have been installed (91 and 93 Franklin Street; 166-168 Glen Street, 17, 32, and 34 Knowlton Street; 4, 11, and 19-19A Morton Street).[2] Since submitting Phase V Status Report No. 29, all remaining sampling rounds were completed. This included sample rounds at: 17 Knowlton Street (second round only), 166-168 Glen Street (second round only), and 4 Morton Street (first and second round).

The NAFNON also required indoor air testing at seven properties within the Site boundaries for which owners historically refused mitigation systems (99 Franklin Street, 162-164 Glenn Street, 9 Tufts Street, 11-13 Tufts Street, 17 Tufts Street, 19 Tufts Street, and 25 Tufts Street). We have contacted the property owners to arrange access for indoor air testing. To date we have obtained access at 19 Tufts Street, 25 Tufts Street, and 162-164 Glen Street for two rounds of sampling, the data for these sampling rounds are presented below.

2. Soil Vapor Sampling

Between January 8, 2026, and March 18, 2026, GEI collected soil vapor samples at 4 residential and commercial buildings. Figure 3 shows buildings where GEI has conducted soil vapor sampling since January 2006 (a total of 58 residences and commercial buildings). The procedure for collecting soil vapor samples was outlined in Immediate Response Action (IRA) Status Report No. 3. Samples typically were collected from below the basement slab.

Between January and March 2026, GEI collected sub-slab samples at the following properties:

Property	Date Sampled	Table	Purpose
60 Tufts Street (Unit #1)	January 8, 2026	2	Closure without EPMM
60 Tufts Street (Unit #4)	January 8, 2026	3	Closure without EPMM
60 Tufts Street (Common Spaces)	January 8, 2026	4	Closure without EPMM
31 Tufts Street	February 6, 2026	5	EPMM Effectiveness
97 Franklin Street	February 10, 2026	6	Vapor Intrusion Evaluation
121 Washington Street	March 18, 2026	7	RAM Objective

The sub-slab soil vapor samples were submitted to Pace Analytical Services LLC, of Westborough, MA (Pace) for laboratory analysis by EPA Method TO-15 with the following modified list of analytes:

- 1,1-Dichloroethane (1,1-DCA)
- 1,1-Dichloroethylene (1,1-DCE)
- trans-1,2-Dichloroethylene (trans-1,2-DCE)
- cis-1,2-Dichloroethylene (cis-1,2-DCE)
- 1,1,1-Trichloroethane (TCA)
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane (1,1,2-TCA)
- Tetrachloroethylene (PCE)
- Trichloroethylene (TCE)
- Vinyl Chloride

[2] This should have been identified as 8 buildings, not 9, because 91 and 93 Franklin Street are a single building.

The soil vapor sampling results are summarized on Tables 2 through 7 and the laboratory data reports are in Appendix C.

2.1. Soil Vapor Sampling – Checklists and Methods

Sub-slab soil vapor samples were collected to evaluate the concentrations of chlorinated VOCs in soil vapor beneath the buildings. GEI collected soil vapor samples using SUMMA® canisters and regulators provided by Pace. Each canister was certified clean by the laboratory. Copies of the certifications are in Appendix C. The soil vapor samples were collected over a 1-hour period.

Flow regulators were attached to the SUMMA® canisters at the location of the testing. The laboratory-set flow regulator was then turned on, and the starting pressure and time recorded. The regulator was turned off before reaching ambient pressure, and the final pressure and time were recorded. Sub-Slab Monitoring Point Installation Logs, Pre-Sampling Checklists, and Sub-Slab Sampling Checklists completed for the sub-slab soil vapor samples collected during this reporting period are in Appendix D.

2.2. 60 Tufts Street

On January 8, 2026, six soil vapor samples from previously installed sub-slab monitoring points were collected from beneath the building slab. One sample was collected within Unit #1, one sample from Unit #4, and four samples from common space areas. At least one week prior to collecting the samples the EPMM system blower was turned off, and the EPMM vent pipe was closed to simulate conditions in the absence of active or passive venting.

Concentrations of 1,1-DCA, trans-1,2-DCE, and TCE were detected above laboratory reporting limits but below applicable residential sub-slab soil gas Screening Values (SSGSV) in Unit #1, while PCE and TCA were detected above the applicable residential SSGSV in Unit #1.

Concentrations of PCE and TCA were detected above laboratory reporting limits but below applicable residential SSGSV in Unit #4.

Concentrations of 1,1-DCA and cis-1,2-DCE were detected above laboratory reporting limits but below applicable residential SSGSV in at least one sample from the common spaces, while 1,1-DCE, PCE, TCA, and TCE were detected above the applicable residential SSGSV in at least one sample from the common spaces.

2.3. 31 Tufts Street

On February 6, 2026, two soil vapor samples from previously installed sub-slab monitoring points were collected from beneath the building slab. One sample was collected from the utility closet, and one sample was collected from the back stairwell. At least one week prior to collecting the samples the EPMM vent pipe was sealed off to simulate conditions in the absence of passive venting. Concentrations of PCE, TCE, and TCA were detected above laboratory reporting limits but below applicable residential SSGSV in both samples.

2.4. 97 Franklin Street

On February 10, 2026, two soil vapor samples from previously installed sub-slab monitoring points located in the basement were collected from beneath the building slab. Concentrations of PCE and 1,1-DCA were detected above laboratory reporting limits but below applicable residential SSGSV in at least one sample.

2.5. 121 Washington Street

On March 18, 2026, two soil vapor samples from previously installed sub-slab monitoring points located on the first floor (slab-on-grade). At least one week prior to collecting the samples the EPMM vent pipe was closed to simulate conditions in the absence of passive venting. Concentrations of cis-1,2-DCE, trans-1,2-DCE, PCE, and TCE were detected above laboratory reporting limits but below applicable residential SSGSV in at least one sample.

3. Indoor Air Sampling

Between January 8, 2026, and March 18, 2026, GEI collected indoor air samples at 13 residential and commercial buildings. Figure 3 shows buildings where GEI has conducted indoor air sampling since January 2006 (a total of 77 residential and commercial buildings). The procedure for collecting indoor air samples was outlined in IRA Status Report No. 3. Samples are typically collected from the basement and first floor of each building.

Between January and March 2026, GEI collected indoor air samples at the following properties:

Property	Date(s) Sampled	Table	EPMM	Purpose	Requested by MassDEP	Condition of NSR
60 Tufts Street Unit #1	January 8, 2026	8	Active	Closure without EPMM	--	Yes
60 Tufts Street Unit #4	January 8, 2026	9	Active	Closure without EPMM	--	Yes
60 Tufts Street Common Spaces	January 8, 2026	10	Active	Closure without EPMM	--	Yes
19 Tufts Street	January 15, 2026 March 10, 2026	11	NA	Vapor Intrusion Evaluation	Yes	Yes
25 Tufts Street	January 20, 2026 March 6, 2026	12	NA	Vapor Intrusion Evaluation	Yes	Yes
166-168 Glen Street	January 28, 2026 February 6, 2026	13	Passive	EPMM Effectiveness	Yes	Yes
17 Knowlton Street	January 28, 2026	14	Passive	EPMM Effectiveness	Yes	Yes
31 Tufts Street	February 6, 2026	15	Passive	EPMM Effectiveness	--	Yes
162-164 Glen Street	February 6, 2026 March 10, 2026	16	NA	Vapor Intrusion Evaluation	Yes	Yes
97 Franklin Street	February 10, 2026	17	NA	Vapor Intrusion Evaluation	--	Yes

Property	Date(s) Sampled	Table	EPMM	Purpose	Requested by MassDEP	Condition of NSR
4 Morton Street	February 27, 2026 March 6, 2026	18	Passive	EPMM Effectiveness	Yes	Yes
84 Franklin Street	March 18, 2026 April 1, 2026	19	NA	Vapor Intrusion Evaluation	--	Yes
121 Washington Street	March 18, 2026	20	Passive	RAM Objectives	--	Yes

The indoor air samples were submitted to Pace for laboratory analysis by EPA Method TO-15 with the following modified list of analytes:

- 1,1-DCA
- 1,1-DCE
- trans-1,2-DCE
- cis-1,2-DCE
- TCA
- 1,1,2,2-Tetrachloroethane
- 1,1,2-TCA
- PCE
- TCE
- Vinyl Chloride

The indoor air sampling results are summarized in Tables 8 through 20 and the laboratory data reports are in Appendix C.

3.1. Indoor Air Sampling – Checklists and Methods

The indoor air samples were collected to evaluate if there was likely a complete vapor intrusion pathway in the buildings' occupied space. The samples were collected using SUMMA® canisters and regulators provided by Pace. Each canister was certified clean by the laboratory. Copies of the certifications are in Appendix C. The indoor air samples were collected over an approximately 24-hour period.

Flow regulators were attached to the SUMMA® canisters at the location of the testing. The SUMMA® canisters were placed so that the air inlet was approximately 3 to 5 feet above the floor. The laboratory-set flow regulator was then turned on, and the starting pressure and time were recorded. The regulator was turned off before reaching ambient pressure, and the final pressure and time were recorded. Pre-Sampling Checklists and Indoor Air Sampling Checklists completed for each indoor air sample collected during this reporting period are in Appendix D.

3.2. 60 Tufts Street

On January 8, 2026, seven indoor air samples were collected from the 60 Tufts Street building. One sample was collected from Unit #1 (which is located on the lowest floor), two samples from Unit #4 (one from the upper portion of the Unit, and one from the basement), and four samples from the lowest floor/basement common spaces. At least one week prior to collecting the samples the EPMM system blower was turned off, and the EPMM vent pipe was closed to simulate conditions in the absence of active or passive venting.

Concentrations of PCE, TCA, and TCE were detected above laboratory reporting limits in Unit #1. PCE was detected above laboratory reporting limits in both samples collected from Unit #4, and TCA was detected above laboratory reporting limits in the upper floor sample from Unit #4. PCE was also detected above laboratory reporting limits in all four samples collected from the common spaces.

The concentrations of the chlorinated VOCs in Unit #1, Unit #4, and in the common spaces are comparable to or less than historical results and are below the applicable MassDEP residential indoor air Threshold Values (TVr) and pose a condition of No Significant Risk (NSR).

3.3. 19 Tufts Street

In accordance with the NAFNON sampling requirements, two rounds of indoor air sampling were conducted during the heating season on January 15, 2026, and March 10, 2026. One indoor air sample was collected each in the basement and on the first floor during each sampling round. Concentrations of PCE were detected above the laboratory reporting limits in both samples during both sampling rounds. The detected indoor air concentrations are comparable to historical results. Although the concentrations of PCE detected in the basement are above the applicable MassDEP TVr, the basement is not a living or working space; it is unoccupied and used for storage. The concentrations of PCE detected on the first floor are below the applicable MassDEP TVr. GEI evaluated the potential risks associated with the indoor air concentrations using the current version of MassDEP ShortForms (Appendix E). The evaluation demonstrates that the indoor air concentrations pose a condition of NSR. No other chlorinated VOCs were detected above laboratory reporting limits.

3.4. 25 Tufts Street

In accordance with the NAFNON sampling requirements, two rounds of indoor air sampling were conducted during the heating season on January 20, 2026, and March 6, 2026. One indoor air sample was collected each in the basement and on the first floor during each sampling round. Concentrations of PCE were detected above the laboratory reporting limits in both samples during both sampling rounds. TCE was also detected above the laboratory reporting limits on the first floor in March 2026. The detected indoor air concentrations are less than historical results and pose a condition of NSR; furthermore, they are below the applicable MassDEP TVr.

3.5. 166-168 Glen Street

In accordance with the NAFNON sampling requirements, the second round of indoor air sampling was conducted during the heating season on January 28, 2026. One indoor air sample was collected each in the basement and on the first floor. Due to a hardware malfunction in the basement indoor air sample on January 28, 2026, GEI returned on February 6, 2026, to recollect the sample. Concentrations of PCE were detected above laboratory reporting limits in both samples. The detected concentrations of PCE in indoor air are below the applicable MassDEP TVr in the basement but exceeds the TVr in the first-floor sample. GEI evaluated the potential risks associated with the indoor air concentrations using the current version of MassDEP ShortForms (Appendix E). The evaluation demonstrates that the indoor air concentrations pose a condition of NSR.

3.6. 17 Knowlton Street

In accordance with the NAFNON sampling requirements, the second round of indoor air sampling was conducted during the heating season on January 28, 2026. One indoor air sample was collected each in the basement and on the first floor. Concentrations of PCE were detected above laboratory reporting limits in both samples collected. The detected indoor air concentrations are comparable to or less than historical results and pose a condition of NSR; furthermore, they are below the applicable TVr.

3.7. 31 Tufts Street

On February 6, 2026, four indoor air samples were collected from the first floor of the 31 Tufts Street building. One sample was collected each from Units 101, 102, 103, and the utility room. A sample was not collected in Unit 104 due to access constraints. At least one week prior to collecting the samples the EPMM vent pipe was sealed off to simulate conditions in the absence of passive venting. Concentrations of PCE were detected above laboratory reporting limits in all four samples collected. The detected indoor air concentrations are comparable to previous results and pose a condition of NSR; furthermore, they are below the applicable TVr.

3.8. 162-164 Glen Street

In accordance with the NAFNON sampling requirements, two rounds of indoor air sampling were conducted during the heating season on February 6, 2026, and March 10, 2026. One indoor air sample was collected each in the basement and on the first floor during each sampling round. Concentrations of PCE were detected above laboratory reporting limits in both samples during both sampling rounds. The detected indoor air concentrations are less than historical results and pose a condition of NSR; furthermore, they are below the applicable MassDEP TVr.

3.9. 97 Franklin Street

On February 10, 2026, one indoor air sample was collected each in the basement, on the first floor, and on the second floor. During the sampling, the hardware used to collect the sample on the second floor malfunctioned, and the sample could not be analyzed by the laboratory. The sample was not recollected. Concentrations of PCE were detected above laboratory reporting limits in the basement and first floor samples. The detected indoor air concentrations are comparable to or less than previous results and are below the applicable MassDEP TVr. GEI evaluated the potential risks associated with the indoor air concentrations using the current version of MassDEP ShortForms (Appendix E). The evaluation demonstrates that the indoor air concentrations pose a condition of NSR.

3.10. 4 Morton Street

In accordance with the NAFNON sampling requirements, two rounds of indoor air sampling were conducted during the heating season on February 27, 2026, and March 6, 2026. One indoor air sample was collected each in the basement and on the first floor during each sampling round. Concentrations of PCE were detected above laboratory reporting limits in both samples during both sampling rounds. TCE was also detected above laboratory reporting limits in the basement during both sampling rounds. The

detected indoor air concentrations are comparable to historical results. Although the concentrations of PCE detected in the basement are above the applicable MassDEP TVr, the basement is not a living or working space; it is unoccupied and used for storage. Furthermore, the concentrations of PCE detected on the first floor are below the applicable MassDEP TVr. GEI evaluated the potential risks associated with the indoor air concentrations using the current version of MassDEP ShortForms (Appendix E). The evaluation demonstrates that the indoor air concentrations pose a condition of NSR.

3.11. 84 Franklin Street

To evaluate the potential vapor intrusion pathway at 84 Franklin Street, one indoor air sample was collected each on the first floor and in the basement on March 18, 2026. Due to a hardware malfunction in the basement indoor air sample on March 18, 2026, GEI returned on April 1, 2026, to recollect the sample. Concentrations of PCE were detected above laboratory reporting limits in both samples. Trans-1,2-DCE was also detected above laboratory reporting limits in the basement sample. The detected indoor air concentrations are comparable to or less than previous results pose a condition of NSR; furthermore, they are below the applicable MassDEP TVr.

3.12. 121 Washington Street

In accordance with the RAM objectives and planned RAM activities described in the RAM Plan submitted by GEI to MassDEP on February 28, 2024, one round of indoor air sampling was conducted during the heating season, after completion of the building interior. On March 18, 2026, one indoor air sample was collected each in the first-floor residential space (specifically, the bike room) and in the three second-floor Units (Units 1, 2, and 3). At least one week prior to collecting the samples the EPMM vent pipe was closed to simulate conditions in the absence of passive venting. No chlorinated VOCs were detected above laboratory reporting limits in the samples therefore these results pose a condition of NSR; furthermore, they are below the applicable MassDEP TVr.

3.13. Meteorological Conditions

Measurements were taken with a portable barometer and thermometer during sampling and were recorded on the Indoor Air and Sub-Slab Sampling Checklists (Appendix D). Meteorological conditions recorded during indoor air sampling events are summarized in Table 21.

4. Closing

Results from the indoor air and soil vapor sampling events related to the NAFNON will be discussed further in the Phase II CSA. GEI continues to attempt to obtain access to the other remaining properties identified in the NAFNON. Sampling events conducted after March 31, 2026, will be included in the next Phase V Status Report.

Please contact Ileen Gladstone at 781.424.9924 or at igladstone@geiconsultants.com if you have any questions regarding this letter.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

Attachments

Figures
Tables
Appendix A MassDEP Transmittal Forms (BWSC126)
Appendix B Property Owner Notification Letters
Appendix C Laboratory Data Reports
Appendix D Pre-Sampling Checklists and Air Sampling Forms
Appendix E MassDEP Short Forms

c: Catherine Malagrida, UniFirst Corporation

NMT/JWG/DJM/COC/ISG:bdp
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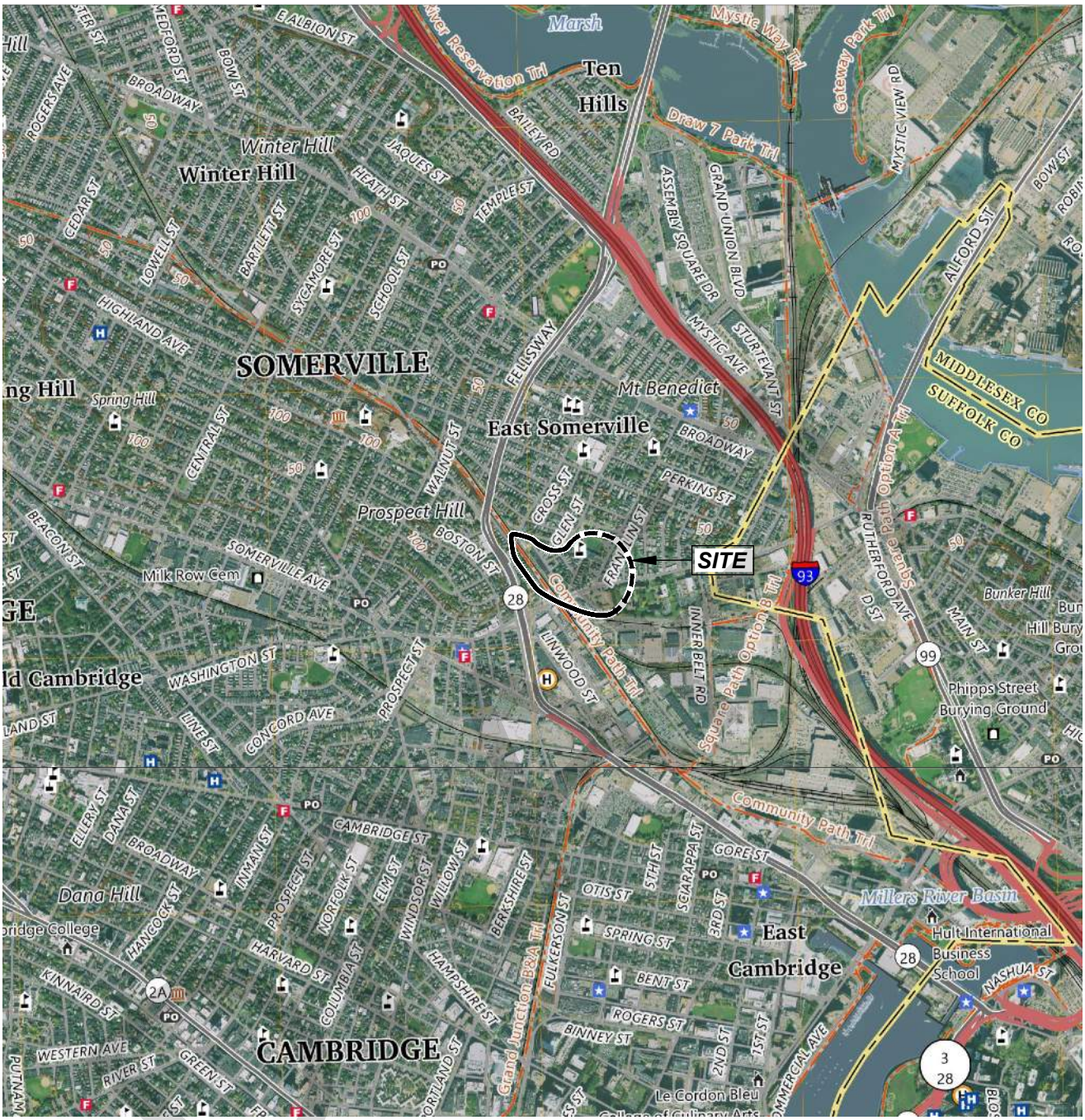
Figures

Figure 1 Site Location Map

Figure 2 Site Plan

Figure 3 Sub-Slab Soil Vapor and Indoor Air Sampling



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SCALE, FEET

QUADRANGLE LOCATION

This Image is from U.S.G.S. Topographic 7.5 Minute Series
Boston North, MA Quadrangle, 2024.
Datum is North American Vertical Datum of 1988 (NAVD88).
Contour Interval is 10 Feet.

Indoor Air and Soil Vapor Results Letter 50 Tufts Street Somerville, Massachusetts	GEI Consultants	SITE LOCATION MAP
UniFirst Corporation Wilmington, Massachusetts	Project 045163	June 2026 Fig. 1

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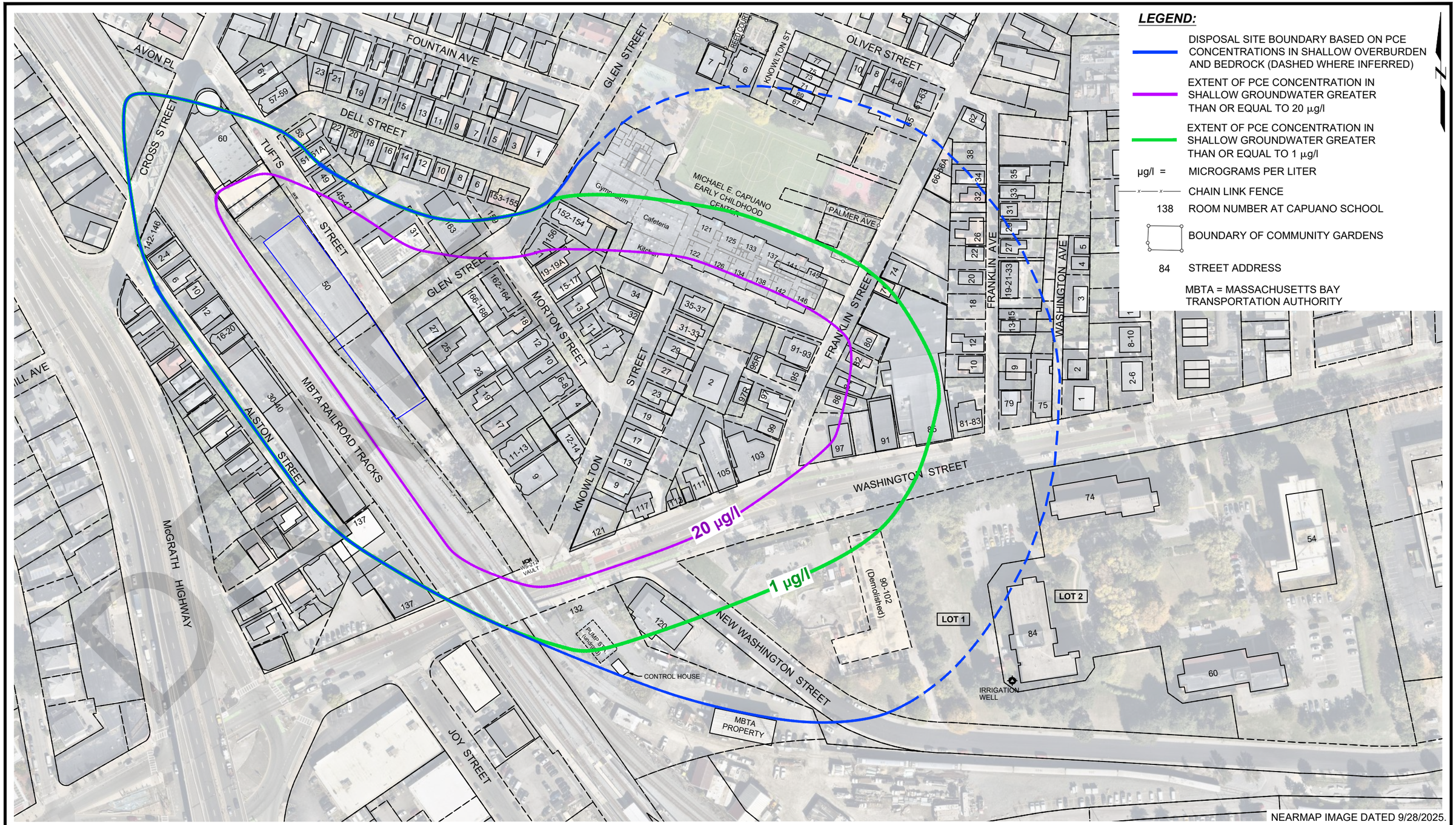

NEARMAP IMAGE DATED 9/28/2025.

NOTES:

1. NEARMAP IMAGE DATED 9/28/2025.
2. STREET AND PARCEL BOUNDARIES FROM MASSGIS DATABASE.

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SCALE, FEET

Indoor Air and Soil Vapor Results Letter 50 Tufts Street Somerville, Massachusetts	GEI Consultants	SITE PLAN
UniFirst Corporation Wilmington, Massachusetts	Project 045163	June 2026 Fig. 2

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DRAFT

LEGEND:

- Indoor Air Sampled
- Soil Vapor Sampled

NOTES:

1. Site features are approximate.

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SCALE, FEET

Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

UniFirst Corporation
Wilmington, Massachusetts

GEI

Project 04516-3

SUB-SLAB SOIL VAPOR AND INDOOR AIR SAMPLING

June 2026 Fig. 3

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Tables

Table 1 Correspondence Tracking

Table 2 Chemical Testing Results - Sub-Slab Soil Vapor (60 Tufts Street Unit #1)

Table 3 Chemical Testing Results - Sub-Slab Soil Vapor (60 Tufts Street Unit #4)

Table 4 Chemical Testing Results - Sub-Slab Soil Vapor (60 Tufts Street Common

Table 5 Chemical Testing Results - Sub-Slab Soil Vapor (31 Tufts Street)

Table 6 Chemical Testing Results - Sub-Slab Soil Vapor (97 Franklin Street)

Table 7 Chemical Testing Results - Sub-Slab Soil Vapor (121 Washington Street)

Table 8 Chemical Testing Results - Indoor Air (60 Tufts Street Unit #1)

Table 9 Chemical Testing Results - Indoor Air (60 Tufts Street Unit #4)

Table 10 Chemical Testing Results - Indoor Air (60 Tufts Street Common Space)

Table 11 Chemical Testing Results - Indoor Air (19 Tufts Street)

Table 12 Chemical Testing Results - Indoor Air (25 Tufts Street)

Table 13 Chemical Testing Results - Indoor Air (166-168 Glen Street)

Table 14 Chemical Testing Results - Indoor Air (17 Knowlton Street)

Table 15 Chemical Testing Results - Indoor Air (31 Tufts Street)

Table 16 Chemical Testing Results - Indoor Air (162-164 Glen Street)

Table 17 Chemical Testing Results - Indoor Air (97 Franklin Street)

Table 18 Chemical Testing Results - Indoor Air (4 Morton Street)

Table 19 Chemical Testing Results - Indoor Air (84 Franklin Street)

Table 20 Chemical Testing Results - Indoor Air (121 Washington Street)

Table 21 Summary of Meteorological Data During Air Sampling Events

Table 1. Correspondence Tracking
Phase II Comprehensive Site Assessment Addendum
Residential and Commercial Properties
Somerville, Massachusetts

Property	Date	Communication
84 Franklin Street	January 27, 2026	Email correspondence with homeowner to schedule additional indoor air sampling.
	February & March, 2026	Follow-up email and phone correspondence with the homeowner to schedule indoor air sampling. Conducted March 17-18, 2026.
	March 17, 2026	Notice of Sampling letter handed to homeowner during indoor air sampling. Owner mentioned their neighbor (86 Franklin Street) asked why we weren't sampling there too. GEI explained 86 Franklin was closed under a Partial Permanenet Solution Statement in October 2017, and provided contact information for the neighbor to reach out if desired.
	March 25-30, 2026	Text with homeowner to schedule resample of basement sample due to ambient indoor air canister. Conducted March 31-April 1, 2026
	May 14, 2026	Emailed March/April 2026 indoor air sampling results letter to homeowner
95 Franklin Street	January 13, 2026	Called owner to schedule annual EPMM inspection. Conducted January 14, 2026.
97 Franklin Street	January 27, 2026	Called owner to schedule indoor air and soil vapor sampling; left voicemail.
	February 5, 2026	Visited property and knocked on door. Met with owner. Scheduled indoor air and soil vapor sampling for February 9-10, 2026.
	February 9, 2026	Notice of Sampling letter handed to owner during sampling.
	March 5, 2026	Mailed indoor air sampling results letter to homeowner.
99 Franklin Street	January 28, 2026	Visited property to see if we could establish contact with a tenant. No contact.
	January 29, 2026	Mailed another copy of certified letter to homeowner regarding environmental conditions and requesting access to conduct additional indoor air sampling.
	February 12, 2026	UniFirst's Attorney provided possible phone numbers from records search. Attempted calling. Calls failed (out of service).
	February 17, 2026	Mailed another copy of certified letter to homeowner regarding environmental conditions and requesting access to conduct additional indoor air sampling.
	March 24, 2026	Visited property again to see if we could establish contact with a tenant. No contact.
162-164 Glen Street	January 1, 2026	Email correspondence with homeowner to schedule indoor air sampling. Conducted February 5-6, 2026.
	January 29, 2026	Notice of Sampling letter mailed to homeowner for indoor air sampling.
	March 2, 2026	Email correspondence with homeowner to schedule a second round of indoor air sampling
	March 3, 2026	Called home phone to schedule a second round of indoor air sampling. Conducted March 9-10, 2026.
	March 5, 2026	Emailed February 2026 indoor air sampling results letter to homeowner.
	March 9, 2026	Notice of Sampling letter handed to homeowner during second round of sampling.
	May 6, 2026	Emailed March 2026 indoor air sampling results letter to homeowner.
166-168 Glen Street	January 13, 2026	Text correspondence with homeowner. Scheduled EPMM inspection and indoor air sampling for January 27-28, 2026.
	January 27, 2026	Notice of sampling handed to homeowner during sampling.
	January 29, 2026	Text with homeowner to schedule resample of basement sample due to ambient indoor air canister. Conducted February 5-6, 2026.
	March 5, 2026	Emailed indoor air sampling results letter to homeowner.
17 Knowlton Street	January 20, 2026	Visited property to discuss scheduling with homeowner. No contact.
	January 23, 2026	Visited property again to discuss scheduling with homeowner. Scheduled EPMM inspection and indoor air sampling for January 27-28, 2026.
	January 27, 2026	Notice of sampling letter handed to homeowner during sampling.
	March 5, 2026	Mailed indoor air sampling results letter to homeowner.
31-33 Knowlton Street	January 2026	Emailed and texted homeowner to schedule an EPMM inspection. No contanct.
	January 15, 2026	Homeowner responded to email. Provided updated phone number for future contact. EPMM inspection conducted January 16, 2026.
35-37 Knowlton Street	January 2026	Text and phone correspondence with homeowner. No contact.
	February 6, 2026	Visited property. Met with tenant, who called homeowner. Homeowner approved of GEI conducting EPMM inspection during the visit.

Table 1. Correspondence Tracking
Phase II Comprehensive Site Assessment Addendum
Residential and Commercial Properties
Somerville, Massachusetts

Property	Date	Communication
4 Morton Street	January 13, 2026	Called homeowner's cell phone provided by tenant. No contact. Followed up with an email to homeowner.
	January 14, 2026	Homeowner replied to email and requested a follow-up (in regards to scheduling indoor air sampling) in February because they were out of town.
	February 2026	Sent follow-up emails and texts to the homeowner to schedule indoor air sampling.
	February 19, 2026	Owner followed up via email, requesting that sampling be delayed a few more weeks due to snow and difficulties parking. Replied via email offering the owner parking at 50 Tufts Street, and reiterated the need to sample during the heating season
	February 20, 2026	Continued email correspondence for scheduling. First round of indoor air sampling scheduled for February 26-27, 2026.
	February 26, 2026	Notice of Sampling letter provided to homeowner during February 2026 sampling.
	February 27, 2026	Continued correspondence with owner and tenants. Scheduled second round of sampling for March 5-6, 2026.
	March 3, 2026	Emailed Notice of Sampling letter for March 2026 sampling to homeowner.
	May 6, 2026	Emailed February and March 2026 indoor air sampling results letter to homeowner.
10 Morton Street	January 20, 2026	Contacted homeowner. Annual EPMM inspection conducted same day.
11 Morton Street	January 26, 2026	Emailed Results letter to homeowner for December 2025 NAFNON indoor air and soil vapor sampling
9 Tufts Street	January 29, 2026	Mailed a copy of certified letter to homeowner's address regarding environmental conditions and requesting access to conduct additional indoor air sampling.
	February 12, 2026	UniFirst's Attorney provided possible phone numbers from records search. Attempted calling. Spoke to someone who said they will forward the message along.
	February 17, 2026	Mailed another copy of certified letter to homeowner regarding environmental conditions and requesting access to conduct additional indoor air sampling.
	February and March 2026	Additonal attempts calling phone numbers provided by attorney. No contact. Left voicemails.
	March 24, 2026	Visited 9 Tufts street homeowner's address at 19 Rhode Island Avenue in Somerville and spoke with owner. Discussed sampling at 9 Tufts Street, which he agreed to pending tenant coordination. Handed a copy of access request letter and business card for his records
	March 25, 2026	Called homeowner and discussed desire to sample the following week. He said he will get back to GEI after talking with the tenants. Sent a follow up email to clarify the sampling procedure and timing.
	March and April 2026	Had not heard back from homeowner after call on March 25th. Followed up with phone calls; no response.
11-13 Tufts Street	January 23, 2026	Had not heard back from owner since Holidays when a copy of certified mail was left in the mailbox. Visted property again. No contact.
	January 28, 2026	Visted property again. No contact.
	January 29, 2026	Mailed another copy of certified letter to homeowners regarding environmental conditions and requesting access to conduct additional indoor air sampling.
	February 17, 2026	Mailed another copy of certified letter to homeowners regarding environmental conditions and requesting access to conduct additional indoor air sampling.
	March 24, 2026	Visited property again. No contact. Left copy of access request letter with business card in mailbox.
17 Tufts Street	January 23, 2026	Visted property. Contacted tenant and left business card. Tenant stated they would share with the homeowner.
	January 28, 2026	Visted property again. No contact.
	January 29, 2026	Mailed a copy of certified letter to homeowner regarding environmental conditions and requesting access to conduct additional indoor air sampling.
	February 12, 2026	UniFirst's Attorney provided possible phone numbers from records search. Attempted calling. No contact. Followed up with a text (voicemail box full).
	February 17, 2026	Mailed another copy of certified letter to homeowner regarding environmental conditions and requesting access to conduct additional indoor air sampling.
	February and March 2026	Additonal attempts calling phone numbers provided by attorney. No contact. Followed up with a text (voicemail box full).
	March 24, 2026	Visited property again. No contact. Left copy of access request letter with business card in mailbox.
19 Tufts Street	January 2026	Email correspondence with homeowner. Indoor air sampling scheduled for January 14-15, 2026.
	January 29, 2026	Notice of sampling mailed to owner for indoor air sampling.
	March 2, 2026	Email correspondence with homeowner for a second round of indoor air sampling. Scheduled for March 9-10, 2026.
	March 5, 2026	Emailed Results letter for January 2026 Indoor Air Sampling.
	March 9, 2026	Notice of sampling provided to owner during sampling.
	May 6, 2026	Emailed March 2026 indoor air sampling results letter to homeowner.

Table 1. Correspondence Tracking
Phase II Comprehensive Site Assessment Addendum
Residential and Commercial Properties
Somerville, Massachusetts

Property	Date	Communication
23 Tufts Street	January 13, 2026	Phone calls to schedule EPMM inspection. Conducted January 23, 2026.
25 Tufts Street	January 14, 2026	Visited property and met with homeowner (owner of 25 and 27 Tufts Street).
	January 15, 2026	Text correspondence with homeowner. Indoor air sampling scheduled for January 19-20, 2026.
	January 19, 2026	Notice of sampling provided to owner during sampling.
	March 2, 2026	Text correspondence with homeowner to schedule a second round of indoor air sampling.
	March 3, 2026	Followed up via text with homeowner. Indoor air sampling scheduled for March 5-6, 2026.
	March 5, 2026	Notice of sampling provided to owner during sampling.
	March 5, 2026	Mailed indoor air Results letter to owner for January 2026 sampling.
	March 6, 2026	The owner inquired about the Results letter from January 2026 sampling. Informed the owner that the letter was out for mailing. The owner provided an emai address so the results could be sent electronically as well
	May 6, 2026	Emailed March 2026 indoor air sampling results letter to homeowner.
27 Tufts Street	January 14, 2026	Visited 25 Tufts Street (same owner as 27 Tufts Street) and met with homeowner. Conducted annual EPMM inspection at 27 Tufts Street same day.
31 Tufts Street	January to February 2026	Email correspondence with property management to schedule annual EPMM inspection and indoor air/soil vapor sampling.
	January 22, 2026	Met with property management to conduct EPMM inspection. After inspection, shut EPMM vent prior to indoor air/soil vapor sampling.
	January 28, 2026	Notice of sampling letter emailed to property management. Indoor air/soil vapor sampling conducted February 5-6, 2026.
	March 5, 2026	Emailed Results letter for February 2026 Indoor Air and Soil Vapor Sampling.
60 Tufts Street	January 2026	Email correspondence with property management to schedule indoor air/soil vapor sampling. Conducted January 7-8, 2026.
	January 20, 2026	Property Manager reached out regarding results of recent indoor air sampling and requested another copy of results from October sampling for a trustee meeting.
	February 25, 2026	Emailed results letter for January 2026 indoor air and soil vapor sampling to property manager.
	February and March 2026	Email and phone call correspondence with property manager regarding tenant complaints of excessive SSDS blower noise. Visit property with First Eletric (maintenance contractor) on March 3, 2026. Blower is operating normally
	March 6, 2026	Called Property Manager to discuss SSDS and to schedule another round of indoor air/soil vapor sampling. No contact.
	March 25, 2026	Property manager follows up via email requesting update on SSDS for a trustee meeting. Provide update that blower is operating normally.
121 Washington Street	January 29, 2026	Mailed December 2025 soil vapor results letter to property owner.
	February 25, 2026	December 2025 soil vapor results letter was returned to sender by postal service. Emailed results letter to owner instead.
	March 5, 2026	Discussed installation of vent piping shutdown valve with owner (installed on March 6, 2026). Indoor air/soil vapor sampling scheduled for week of 3/16/26.
	March 11, 2026	Notice of sampling letter emailed to owner.
	May 6, 2026	Emailed March 2026 indoor air and soil vapor sampling results letter to owner.

General Notes:
1. EPMM = Exposure Pathway Mitigation Measure.
2. NAFNON = Notice of Audit Finding, Notice of Noncompliance. Issued by Massachusetts Department of Environmental Protection to UniFirst on December 12, 2024.
3. SSDS = Sub-slab depressurization system.

Table 2. Chemical Testing Results - Sub-Slab Soil Vapor (60 Tufts Street Unit #1)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

				Location Name:	**60Tufts Street, Unit 1**										
				Sample Name:	**60TUFTS-SS13**		**60TUFTS-SS13**		**60TUFTS-SS13**		**60TUFTS-SS13**		**60TUFTS-SS13**		**60TUFTS-SS13**	
				Sample Date:	**1/16/2008**		**1/17/2008**		**1/21/2008**		**4/25/2019**		**10/1/2025**		**1/8/2026**	
				EPMM (SSDS) Status:	**NA (pre-installation)**		**NA (pre-installation)**		**NA (pre-installation)**		**Off, Vents Closed**		**Off, Vents Closed**		**Off, Vents Closed**	
				Units:	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**	**µg/m3**	**ppbv**	**µg/m^3**	**ppbv**
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**														
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**													
1,1,1-Trichloroethane (TCA)		210	38		3260 G	597 G	1010	186	3100	568	124	22.7	338	61.9	211	38.7
1,1-Dichloroethane (1,1-DCA)		56	14		2.2	0.54	1.3	0.32	2.6	0.64	< 0.809	< 0.20	0.389	0.096	0.202	0.05
1,1-Dichloroethylene (1,1-DCE)		56	14		40.8	10.3	23	5.7	49.6	12.5	< 0.793	< 0.20	0.103	0.026	< 0.079	< 0.020
Carbon Tetrachloride		38	6		0.75 J	0.12 J	< 1.3	< 0.20	1.1 J	0.18 J	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		98	14		237	34.9	249	36.7	214	31.6	125	18.5	280	41.3	153	22.5
trans-1,2-Dichloroethylene (trans-1,2-DCE)		56	14		< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.793	< 0.20	0.091	0.023	0.091	0.023
Trichloroethylene (TCE)		28	5.2		5.9	1.1	4.6	0.86	8.1	1.5	7.95	1.48	13.2	2.45	9.78	1.82

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. NT = Not tested.
10. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
11. The shutdown valve was closed for 1 week prior to collection of indoor air samples in April 2019, and October 2025.
12. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
13. Highlighted sample indicates most recent round.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Table 3. Chemical Testing Results - Sub-Slab Soil Vapor (60 Tufts Street Unit #4)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

Location Name:				60 Tufts Street, Unit 4										60 Tufts Street, Unit 4 (continued)									
Sample Name:				60TUFT-4-SS1		60TUFT#4-SS1		60TUFT-UNIT4-SS1		60TUFT-UNIT4-SS1		60TUFT-UNIT4-SS1		60TUFT-4-SS2		60TUFT#4-SS2		60TUFTS4-SS2		60TUFTS4-SS2		60TUFTS4-SS2	
Sample Date:				4/4/2007		11/9/2007		1/16/2008		1/17/2008		1/21/2008		4/4/2007		11/9/2007		7/13/2018		4/25/2019		10/1/2025	
EPMM (SSDS) Status:				NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
Units:				µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**																					
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**																				
1,1,1-Trichloroethane (TCA)		210	38	345	63.2	170	31.1	200	36.7	197	36.1	234	42.9	181	33.1	237	43.4	0.971	0.178	1.57	0.288	4.92	0.902	5.41	0.992
Tetrachloroethylene (PCE)		98	14	136	20	213	31.4	89.5	13.2	94.3	13.9	117	17.2	29	4.3	63	9.3	2.15	0.317	2.95	0.435	4.98	0.734	3.42	0.504
Trichloroethylene (TCE)		28	5.2	< 2.1	< 0.40	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	<1.07	<0.200	0.167	0.031	<0.107	<0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
10. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
11. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
12. Highlighted sample indicates most recent round.

Table 4. Chemical Testing Results - Sub-Slab Soil Vapor (60 Tufts Street Common Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

Sample Location:				60 Tufts Street, General Garage Area											
Sample Name:				60TUFT-SS10		60TUFT-SS10		60TUFT-SS10		60TUFT-SS10		60TUFT-SS10		60TUFT-SS10	
Sample Date:				1/16/2008		1/17/2008		1/21/2008		7/11/2018		4/25/2019		10/1/2025		1/8/2026	
EPMM (SSDS) Status:				NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
Units:				µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**															
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**														
1,1,1-Trichloroethane (TCA)		210	38	14	2.5	5.1	0.94	9.3	1.7	65.5	12.0	8.57	1.57	119	21.8	9.38	1.7
1,1,2-Trichloroethane (1,1,2-TCA)		10	1.9	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.136	< 0.025	< 1.09	< 0.200	< 0.218	< 0.040	< 0.109	< 0.020
1,1-Dichloroethane (1,1-DCA)		56	14	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	0.243	0.060	< 0.809	< 0.200	0.251	0.062	< 0.081	< 0.020
1,1-Dichloroethylene (1,1-DCE)		56	14	3.7	0.93	1.4	0.35	2.7	0.68	1.13	0.284	< 0.793	< 0.200	0.809	0.204	0.226	0.057
Carbon tetrachloride		38	6	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT
cis-1,2-Dichloroethylene (cis-1,2-DCE)		56	14	1.3	0.33	0.67 J	0.17 J	1.3	0.32	0.188	0.048	< 0.793	< 0.200	0.349	0.088	0.135	0.034
Tetrachloroethylene (PCE)		98	14	895	132	504	74.3	692	102	376	55.5	45.6	6.73	332	49	156	23
trans-1,2-Dichloroethylene (trans-1,2-DCE)		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	0.109	0.028	< 0.793	< 0.200	< 0.040	< 0.159	< 0.079	< 0.020
Trichloroethylene (TCE)		28	5.2	226 G	42.1 G	196	36.5	170	31.6	60.7	11.3	11.4	2.12	70.4	13.1	45.7	8.5

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. NT = Not tested.
10. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
11. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
12. "SVT-MW202S" samples were collected from monitoring well soil vapor ports as part of sub-slab soil vapor sampling.
13. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
14. Highlighted sample indicates most recent round.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Table 4. Chemical Testing Results - Sub-Slab Soil Vapor (60 Tufts Street Common Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

Sample Location:				60 Tufts Street, Storage Locker Hallway																	
Sample Name:				60TUFT-SS13		60TUFT-SS13		60TUFT-SS13		60TUFT-SS14		60TUFT-SS14		60TUFT-SS14		60TUFT-SS14		60TUFT-SS14		60TUFT-SS14		60TUFT-SS14	
Sample Date:				1/16/2008		1/17/2008		1/21/2008		1/16/2008		1/17/2008		1/21/2008		7/11/2018		4/25/2019		10/1/2025		1/8/2026	
EPMM (SSDS) Status:				NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
Units:				µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**																					
Volatile Organic Compounds (VOCs)	TO-15	**µg/m³**	**ppbv**																				
1,1,1-Trichloroethane (TCA)		210	38	3260 G	597 G	1010 G	186 G	3100 G	568 G	2440 G	448 G	1310	241	2240	410	43.1	7.90	16.6	3.05	81.3	14.9	83.5	15.3
1,1,2-Trichloroethane (1,1,2-TCA)		10	1.9	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	< 1.09	< 0.200	< 0.109	< 0.020	< 0.109	< 0.020
1,1-Dichloroethane (1,1-DCA)		56	14	2.2	0.54	1.3	0.32	2.6	0.64	1.2	0.3	0.89	0.22	1.5	0.36	0.154	0.038	< 0.809	< 0.200	0.113	0.028	< 0.081	< 0.020
1,1-Dichloroethylene (1,1-DCE)		56	14	40.8	10.3	23	5.7	49.6	12.5	26	6.5	15	3.8	35	8.9	< 0.079	< 0.020	< 0.793	< 0.200	< 0.079	< 0.020	< 0.079	< 0.020
Carbon tetrachloride		38	6	0.75 J	0.12 J	< 1.3	< 0.20	1.1 J	0.18 J	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT
cis-1,2-Dichloroethylene (cis-1,2-DCE)		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.079	< 0.020	< 0.793	< 0.200	< 0.079	< 0.020	< 0.079	< 0.020
Tetrachloroethylene (PCE)		98	14	237	34.9	249	36.7	214 G	31.6 G	2370	349	1970	291	2500	368	268	39.5	108	16	269	39.6	155	22.8
trans-1,2-Dichloroethylene (trans-1,2-DCE)		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	0.083	0.021	< 0.793	< 0.200	< 0.079	< 0.020	< 0.079	< 0.020
Trichloroethylene (TCE)		28	5.2	5.9	1.1	4.6	0.86	8.1	1.5	160	29.8	152	28.3	127	23.7	29.6	5.50	16.9	3.15	28.4	5.28	21.2	3.94

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. NT = Not tested.
10. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS
11. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
12. "SVT-MW202S" samples were collected from monitoring well soil vapor ports as part of sub-slab soil
13. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
14. Highlighted sample indicates most recent round.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Table 4. Chemical Testing Results - Sub-Slab Soil Vapor (60 Tufts Street Common Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

Sample Location:				60 Tufts Street, Storage Locker Hallway						60 Tufts Street, Storage S													
Sample Name:				60TUFT-SS16		60TUFT-SS16		60TUFT-SS16		60TUFT-SS1		60TUFT-SS1		60TUFT-SS1		60TUFT-SS1		60TUFT-SS1		60TUFT-SS2		60TUFT-STORAGE5-SS2		60TUFT-STORAGES-SS2	
Sample Date:				1/16/2008		1/17/2008		1/21/2008		4/4/2007		7/11/2018		4/25/2019		10/1/2025		1/8/2026		4/4/2007		1/16/2008		1/17/2008	
EPMM (SSDS) Status:				NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)	
Units:				µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m3	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**																							
Volatile Organic Compounds (VOCs)	TO-15	**µg/m³**	**ppbv**																						
1,1,1-Trichloroethane (TCA)		210	38	79.7	14.6	14	2.5	72.6	13.3	18300	3360	63.3	11.6	251	46	374	68.5	1640	300	2970	544	2300	422	85.1	15.6
1,1,2-Trichloroethane (1,1,2-TCA)		10	1.9	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	1.2	0.22	< 0.109	< 0.020	< 1.09	< 0.200	< 0.109	< 0.020	< 0.364	< 0.067	< 11	< 2.0	< 1.1	< 0.20	< 1.1	< 0.20
1,1-Dichloroethane (1,1-DCA)		56	14	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	23	5.6	0.287	0.071	< 0.809	< 0.200	0.619	0.153	2.1	0.52	< 8.1	< 2.0	2.8	0.7	< 0.81	< 0.20
1,1-Dichloroethylene (1,1-DCE)		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	2580	650	15.3	3.87	41.6	10.5	63.4	16	236	59.4	391	98.5	293	73.9	11	2.9
Carbon tetrachloride		38	6	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	5.7	0.9	NT	NT	NT	NT	NT	NT	NT	NT	< 13	< 2.0	< 1.3	< 0.20	< 1.3	< 0.20
cis-1,2-Dichloroethylene (cis-1,2-DCE)		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	1.1	0.29	< 0.079	< 0.020	< 0.793	< 0.200	< 0.079	< 0.020	< 0.264	< 0.067	< 7.9	< 2.0	< 0.79	< 0.20	< 0.79	< 0.20
Tetrachloroethylene (PCE)		98	14	134	19.8	119	17.5	199	29.3	104	15.4	6.20	0.915	5.93	0.87	16.10	2.38	102	15	17	2.5	16	2.3	3.5	0.52
trans-1,2-Dichloroethylene (trans-1,2-DCE)		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.079	< 0.020	< 0.793	< 0.200	< 0.079	< 0.020	< 0.264	< 0.067	< 7.9	< 2.0	< 0.79	< 0.20	< 0.79	< 0.20
Trichloroethylene (TCE)		28	5.2	8.6	1.6	7	1.3	12	2.2	159	29.5	4.33	0.806	3.41	0.635	15.3	2.84	91.9	17.1	28	5.2	25	4.6	4.4	0.82

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. NT = Not tested.
10. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS
11. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
12. "SVT-MW202S" samples were collected from monitoring well soil vapor ports as part of sub-slab soil
13. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
14. Highlighted sample indicates most recent round.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Table 4. Chemical Testing Results - Sub-Slab Soil Vapor (60 Tufts Street Common Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

Sample Location:				60 Tufts Street, Storage S (continued)										60 Tufts Street, MW202 Sub-Slab							
Sample Name:				60TUFT-STORAGES-SS2		60TUFT-STORAGES-SS2		60TUFT-STORAGES-SS2		60TUFT-STORAGES-SS2		60TUFT-STORAGES-SS2		60TUFT-SS3		SVT-MW202S		SVT-MW202S		SVT-MW202S		SVT-MW202S	
Sample Date:				1/21/2008		7/11/2018		4/25/2019		10/1/2025		1/8/2026		4/4/2007		7/17/2007		1/16/2008		1/17/2008		1/21/2008	
EPMM (SSDS) Status:				NA (pre-installation)		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)	
Units:				µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m3	ppbv	µg/m3	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**																					
Volatile Organic Compounds (VOCs)	TO-15	**µg/m³**	**ppbv**																				
1,1,1-Trichloroethane (TCA)		210	38	447	81.9	12.0	2.20	7.09	1.30	28.00	5.13	94.4	17.3	6060	1110	537	98.5	28	5.1	27	4.9	35	6.4
1,1,2-Trichloroethane (1,1,2-TCA)		10	1.9	< 1.1	< 0.20	< 0.109	< 0.020	< 1.09	< 0.200	< 0.109	< 0.020	< 0.109	< 0.020	< 11	< 2.0	< 22	< 4.0	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20
1,1-Dichloroethane (1,1-DCA)		56	14	1.1	0.28	0.093	0.023	< 0.809	< 0.200	0.158	0.039	0.295	0.073	5.3 J	1.3 J	< 16	< 4.0	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20
1,1-Dichloroethylene (1,1-DCE)		56	14	77.7	19.6	1.74	0.439	< 0.793	< 0.200	0.448	0.113	11	2.78	983	248	11 J	2.8 J	0.79	0.2	0.48 J	0.12 J	0.56 J	0.14 J
Carbon tetrachloride		38	6	0.63 J	0.10 J	NT	NT	NT	NT	NT	NT	NT	NT	< 13	< 2.0	< 25	< 4.0	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20
cis-1,2-Dichloroethylene (cis-1,2-DCE)		56	14	< 0.79	< 0.20	< 0.079	< 0.020	< 0.793	< 0.200	< 0.079	< 0.020	< 0.079	< 0.020	< 7.9	< 2.0	< 16	< 4.0	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20
Tetrachloroethylene (PCE)		98	14	11	1.6	1.91	0.282	< 1.36	< 0.200	1.82	0.269	1.57	0.232	41	6	2550	376	252	37.1	366	54.0	403	59.4
trans-1,2-Dichloroethylene (trans-1,2-DCE)		56	14	< 0.79	< 0.20	< 0.079	< 0.020	< 0.793	< 0.200	< 0.079	< 0.020	< 0.079	< 0.020	< 7.9	< 2.0	< 16	< 4.0	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20
Trichloroethylene (TCE)		28	5.2	16	2.9	0.752	0.140	< 1.07	< 0.200	0.967	0.18	1.47	0.274	109	20.2	253	47.0	11	2.0	11	2.0	15	2.7

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. NT = Not tested.
10. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS
11. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
12. "SVT-MW202S" samples were collected from monitoring well soil vapor ports as part of sub-slab soil
13. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
14. Highlighted sample indicates most recent round.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Table 5. Chemical Testing Results - Sub-Slab Soil Vapor (31 Tufts Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

			Sample Name:	31TUFT-SV1					31TUFT-SV2				
			Sample Date:	10/17/2023	1/31/2024	9/6/2024	2/19/2025	2/6/2026	10/27/2023	1/31/2024	9/6/2024	2/19/2025	2/6/2026
			Collected By:	GEI	GEI	GEI	GEI	GEI	GEI	GEI	GEI	GEI	GEI
			EPMM (Vent) Status:	Open	Open	Open	Closed	Closed	Open	Open	Open	Closed	Closed
	Method	Units	MassDEP Residential Sub-Slab Screening Values										
Volatile Organic Compounds (VOCs)	TO-15 SIM	µg/m^3											
1,1,1-Trichloroethane (TCA)			210	2.87	0.786	7.47	0.393	15.4	8.95	9.82	14.6	3.24	3.18
1,1,2,2-Tetrachloroethane			2.8	<0.275	<0.137	<0.137	<0.137	<0.137	1.4	<0.137	<0.137	<0.137	<0.137
1,1-Dichloroethane (1,1-DCA)			56	<0.162	<0.081	0.356	<0.081	<0.081	<0.081	<0.081	0.546	<0.081	<0.081
1,1-Dichloroethylene (1,1-DCE)			56	<0.159	<0.079	0.174	<0.079	<0.079	<0.079	<0.079	<0.079	<0.079	<0.079
cis-1,2-Dichloroethylene (cis-1,2-DCE)			56	<0.159	<0.079	<0.079	<0.079	<0.079	<0.079	0.270	0.083	<0.079	<0.079
Tetrachloroethylene (PCE)			98	58.7	31.5	94.9	31.2	80.0	59.1	77.3	61.4	47.9	65.4
trans-1,2-Dichloroethylene (trans-1,2-DCE)			56	<0.159	<0.079	0.083	<0.079	<0.079	0.119	<0.079	<0.079	<0.079	<0.079
Trichloroethylene (TCE)			28	1.38	<0.107	2.09	0.478	3.30	2.41	2.42	4.58	1.55	3.43

General Notes

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
4. MassDEP = Massachusetts Department of Environmental Protection
5. EPMM = Exposure Pathway Mitigation Measure.
6. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
7. Highlighted samples indicate most recent sampling round.
8. During the February 2025 and February 2026 sampling the vent pipe was closesd for one week prior to sampling.

Table 6. Chemical Testing Results - Sub-Slab Soil Vapor (97 Franklin Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	97 Franklin Street															
		Sample Name:	97FRANK-SS1		97FRANK-SS2		97FRANK-SS1		97FRANK-SS2		97FRANK-SS1		97FRANK-SS2		97FRANK-SS1		97FRANK-SS2	
		Sample Date:	6/30/2007		6/30/2007		5/24/2024		5/24/2024		2/19/2025		2/19/2025		2/10/26		2/10/2026	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Screening Values (µg/m^3)**																
Volatile Organic Compounds (VOCs)	TO-15																	
1,1,1-Trichloroethane (TCA)		210	< 1.1	< 0.20	1.5	0.27	<0.109	<0.020	0.136	0.025	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020
1,1-Dichloroethane (1,1-DCA)		56	< 0.81	< 0.20	NT	< 0.20	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020	0.219	0.054	<0.081	<0.020
Carbon tetrachloride		38	0.82 J	0.13 J	< 0.53	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		98	34	5.0	86.8	12.8	1.31	0.193	6.16	0.909	21.0	3.10	1.04	0.153	0.278	0.041	0.753	0.111
Trichloroethylene (TCE)		28	<1.1	<0.20	<1.1	<0.20	<0.107	<0.020	0.150	0.028	0.113	0.021	0.269	0.050	<0.107	<0.020	<0.107	<0.020

General Notes:
1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
8. Highlighted samples indicate most recent sampling round.

Qualifying Note:
J The reported result is below the laboratory reporting limit and is estimated.

Table 7. Chemical Testing Results - Sub-Slab Soil Vapor (121 Washington Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

			Location Name:	**121 Washington Street (Pre-Redevelopment)**		**121 Washington Street (Post-Redevelopment)**							
			Sample Name:	**121 Wash-SS1**		**121Wash-SV1**		**121Wash-SV1**		**121Wash-SV2**		**121Wash-SV2**	
			Sample Date:	**4/11/2007**		**12/12/2025**		**3/18/26**		**12/12/2025**		**3/18/26**	
			EPMM (Vent) Status:	**NA (pre-redevelopment)**		**Vent Open**		**Vent Closed**		**Vent Open**		**Vent Closed**	
			Units:	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values (µg/m^3)**	**MassDEP Commercial Sub-Slab Soil Gas Screening Values (µg/m^3)**										
Volatile Organic Compounds (VOCs)	TO-15												
cis-1,2-Dichloroethylene (cis-1,2-DCE)		56	370	< 0.79	< 0.20	< 0.079	< 0.020	< 0.079	< 0.020	< 0.079	< 0.020	3.24	0.816
trans-1,2-Dichloroethylene (trans-1,2-DCE)		56	3,700	< 0.79	< 0.20	< 0.079	< 0.020	< 0.079	< 0.020	< 0.079	< 0.020	0.206	0.052
Tetrachloroethylene (PCE)		98	290	12	1.7	0.400	0.059	0.726	0.107	0.597	0.088	3.56	0.525
1,1,1-Trichloroethane (TCA)		210	310,000	0.51 J	0.093 J	< 0.109	< 0.020	< 0.109	< 0.020	0.131	0.024	< 0.109	< 0.020
Trichloroethylene (TCE)		28	120	< 1.1	< 0.20	0.403	0.075	< 0.107	< 0.020	< 0.107	< 0.020	19.3	3.59

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. NA = Not applicable
8. Results highlighted are the most recent samples collected.
9. Residential Sub-Slab Soil Gas Screening Values taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
10. Commercial Sub-Slab Soil Gas Screening Values taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.

Table 8. Chemical Testing Results - Indoor Air (60 Tufts Street Unit #1)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

Sample Location:				60 Tufts Street, Unit 1													
Sample Name:				60TUFTS1-1		60TUFTU1-1		60TUFTU1-1		60TUFTS1-1		60TUFTS-1		60TUFTS-1		60TUFTS-1		60TUFTS-1	
Sample Date:				5/27/09		3/3/10		9/19/10		2/5/11		7/11/18		4/25/19		10/1/25		1/8/26	
Collected By:				GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI	
EPMM (SSDS) Status:				On		On		On		On		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
Units:				µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values**																	
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**																
1,1,1-Trichloroethane (TCA)		3	0.54	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	< 0.109	< 0.020	0.032	0.175	0.186	0.034
Tetrachloroethylene (PCE)		1.4	0.21	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	0.787	0.116	0.712	0.105	0.787	0.116	1.32	0.195
Trichloroethylene (TCE)		0.4	0.075	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	< 0.107	< 0.020	0.107	0.020	0.167	0.031

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
9. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
10. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
11. Highlighted sample indicates most recent round.

Table 9. Chemical Testing Results - Indoor Air (60 Tufts Street Unit #4)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

Sample Location:				60 Tufts Street, Unit 4 (First Floor)																			
Sample Name:				60 TUFTS-UNIT 4		60TUFT-UNIT4-1		60TUFTU4-1		60TUFTU4-1		60TUFTU4-1		60TUFTU4-1		60TUFTU4-1		60TUFTS4-1		60TUFTS4-1		60TUFTS4-1		60TUFTS4-1	
Sample Date:				1/23/2007		2/20/2008		5/27/09		6/22/09		2/24/10		9/19/10		2/5/11		7/11/18		4/25/19		10/1/25		1/8/26	
Collected By:				GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI	
EPMM (SSDS) Status:				NA (pre-installation)		NA (pre-installation)		On		On		On		On		On		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
Units:				µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values**																							
Volatile Organic Compounds (VOCs)	TO-15	µg/m^3	ppbv																						
1,1,1-Trichloroethane (TCA)		3	0.54	11	2.1	1.5	0.27	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	< 0.109	< 0.020	0.153	0.028	0.164	0.030
1,2-Dichloroethane (1,2-DCA)		0.09	0.022	<0.81	<0.20	0.97	0.24	3.2	0.80	2.8	0.70	< 0.81	< 0.20	NT	NT	NT	NT	0.146	0.036	NT	NT	NT	NT	NT	NT
Carbon tetrachloride		0.54	0.086	0.75 J	0.12 J	<1.3	<0.20	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	0.21	5.8	0.85	2.4	0.36	1.4	0.20	0.95 J	0.14 J	5.8	0.86	< 1.4	< 0.20	< 1.4	< 0.20	0.488	0.072	0.264	0.039	0.264	0.039	0.671	0.099
trans-1,2-Dichloroethylene (trans-1,2-DCE)		0.8	0.2	<0.79	<0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.079	< 0.020	< 0.079	< 0.020	< 0.079	< 0.020	< 0.079	< 0.020
Trichloroethylene (TCE)		0.4	0.075	<1.1	<0.20	<1.1	<0.20	< 1.1	< 0.20	< 1.1	< 0.20	2.1	0.39	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. NT = Not tested.
10. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
11. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
12. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
13. Highlighted sample indicates most recent round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 9. Chemical Testing Results - Indoor Air (60 Tufts Street Unit #4)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

Sample Location:				60 Tufts Street, Unit 4 (Basement)																			
Sample Name:				60 TUFTS-UNIT 4B		60TUFT-UNIT4-B		60TUFTU4-B		60TUFTU4-B		60TUFTU4-B		60TUFTU4-B		60TUFTU4-B		60TUFTS4-B		60TUFTS4-B		60TUFTS4-B		60TUFTS4-B	
Sample Date:				1/23/2007		2/20/2008		5/27/09		6/22/09		2/24/10		9/19/10		2/5/11		7/11/18		4/25/19		10/1/25		1/8/26	
Collected By:				GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI	
EPMM (SSDS) Status:				NA (pre-installation)		NA (pre-installation)		On		On		On		On		On		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
Units:				µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values**																							
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**																						
1,1,1-Trichloroethane (TCA)		3	0.54	14	2.6	1.9	0.35	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020
1,2-Dichloroethane (1,2-DCA)		0.09	0.022	<0.81	<0.20	<0.81	<0.20	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	NT	NT	NT	NT	0.154	0.038	NT	NT	NT	NT	NT	NT
Carbon tetrachloride		0.54	0.086	0.63 J	0.10 J	<1.3	<0.20	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	0.21	4.4	0.65	2	0.29	1.0 J	0.15 J	< 1.4	< 0.20	5.2	0.76	< 1.4	< 0.20	< 1.4	< 0.20	0.522	0.077	0.698	0.103	0.312	0.046	0.509	0.075
trans-1,2-Dichloroethylene (trans-1,2-DCE)		0.8	0.2	< 0.79	<0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.079	< 0.020	0.115	0.029	< 0.079	< 0.020	< 0.079	< 0.020
Trichloroethylene (TCE)		0.4	0.075	<1.1	<0.20	<1.1	<0.20	< 1.1	< 0.20	0.75 J	0.14 J	1.9	0.35	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. NT = Not tested.
10. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSI
11. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
12. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
13. Highlighted sample indicates most recent round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 10. Chemical Testing Results - Indoor Air (60 Tufts Street Common Space)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

Sample Location:				60 Tufts Street, Storage Lockers Hallway								60 Tufts Street, General Garage Area						60 Tufts Street, Storage S											
Sample Name:				60TUFTHALL-A		60TUFTHALL-B		60TUFT-HALL		60TUFT-HALL		60TUFT-HALL		60TUFT-GARG		60TUFT-GARG		60TUFT-GARG		60TUFT-STOR1		60TUFT-STOR1		60TUFT-STOR1		60-TUFTSTOR2		60-TUFTSTOR2		60-TUFTSTOR2	
Sample Date:				4/20/10		4/20/10		4/25/19		10/1/25		1/8/26		4/25/19		10/1/25		1/8/26		4/25/19		10/1/25		1/8/26		4/25/19		10/1/25		1/8/26	
Collected By:				GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI	
EPMM (SSDS) Status:				On		On		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
Units:				µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values**																													
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**																												
1,1,1-Trichloroethane (TCA)		3	0.54	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	0.191	0.035	< 0.109	< 0.020	< 0.109	< 0.020	0.125	0.023	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020
Tetrachloroethylene (PCE)		1.4	0.21	< 1.4	< 0.20	< 1.4	< 0.20	0.292	0.043	0.848	0.125	0.692	0.102	0.210	0.031	0.732	0.108	0.529	0.078	0.163	0.024	< 0.136	< 0.020	0.353	0.052	0.142	0.021	< 0.136	< 0.020	0.136	0.02
Trichloroethylene (TCE)		0.4	0.075	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	0.15	0.028	< 0.107	< 0.020	< 0.107	< 0.020	0.113	0.021	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
9. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
10. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
11. "HALL" samples collected in April 2019, October 2025, and January 2026 were collected from the same location as "HALL-A" sample collected in 2010.
12. Highlighted samples indicate most recent round.

Table 11. Chemical Testing Results - Indoor Air (19 Tufts Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

Sample Location:			Basement																	
Sample Name:			IA-13		19Tufts-B		19Tufts-C		19Tufts-B		19Tufts-C		19Tufts-B		19Tufts-C		19Tufts-B		19Tufts-C		19Tufts-B	
Sample Date:			3/24/05		3/23/06		3/23/06		6/29/06		6/29/06		10/10/06		10/10/06		12/15/06		12/15/06		1/15/26	
Sampled By:			Shaw		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI	
Units:			µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**																				
Volatile Organic Compounds (VOCs)	TO-15																					
Carbon Tetrachloride		0.54	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	0.69 J	0.11 J	0.69 J	0.11 J	< 1.3	< 0.20	< 1.3	< 0.20	0.59 J	0.093 J	< 1.3	< 0.20	NT	NT
Chloroform		1.9	< 0.98	< 0.20	< 0.98	< 0.20	< 0.98	< 0.20	0.83 J	0.17 J	0.88 J	0.18 J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chloromethane		NS	0.85	0.41	1.8 L	0.88 L	1.8 L	0.85 L	3.1	1.5	< 0.41	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride		11	0.35 J	0.1 J	< 3.2 M	< 0.92 M	< 4.2 M	< 1.2 M	< 14 M	< 4 M	< 13 M	< 3.6 M	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	3.2	0.47	7.5	1.1	6.6	0.98	4.1	0.60	3.8	0.56	15	2.2	6.8	1.0	2.5	0.37	1.4	0.2	3.86	0.569
Trichloroethylene (TCE)		0.4	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	2.1	0.39	1.6	0.30	6.4	1.2	6.4	1.2	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. NS= No standard established
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
9. Shaw Environmental collected samples on behalf of MassDEP, samples collected 3/24/05.
10. Highlighted samples indicate most recent round.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.
L The reported result is estimated because the calculated relative percent difference (RPD) between a sample and the matrix duplicate was above the quality control limit specified in the Quality Assurance Project Plan (QAPP).
M The reporting limit is elevated due to a detection of the analyte in a method blank sample, trip blank sample, or both.

Table 11. Chemical Testing Results - Indoor Air (19 Tufts Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

Sample Location:					First floor													
Sample Name:			19Tufts-B		IA-14		19Tufts-1		19Tufts-1		19Tufts-1		19Tufts-1		19Tufts-1		19Tufts-1	
Sample Date:			3/10/26		3/24/05		3/23/06		6/29/06		10/10/06		12/15/06		1/15/26		3/10/26	
Sampled By:			GEI		Shaw		GEI		GEI		GEI		GEI		GEI		GEI	
Units:			µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m³)**																
Volatile Organic Compounds (VOCs)	TO-15																	
Carbon Tetrachloride		0.54	NT	NT	< 1.3	< 0.20	< 1.3	< 0.20	0.69 J	0.11 J	< 1.3	< 0.20	0.63 J	0.10 J	NT	NT	NT	NT
Chloroform		1.9	NT	NT	0.78 J	0.16 J	< 0.98	< 0.20	5.4	1.1	NT	NT	NT	NT	NT	NT	NT	NT
Chloromethane		NS	NT	NT	1.1	0.52	21.7 L	10.5 L	2.3	1.1	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride		11	NT	NT	0.34 J	0.099 J	< 4.2 M	< 1.2 M	< 14 M	< 4.1 M	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	1.86	0.274	0.95 J	0.14 J	1.2 J	0.18 J	2.4	0.35	< 1.4	< 0.20	0.60 J	0.089 J	1.11	0.164	0.454	0.067
Trichloroethylene (TCE)		0.4	< 0.107	<0.020	< 1.1	< 0.20	< 1.1	< 0.20	1.7	0.31	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	< 0.107	<0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. NS= No standard established
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidanc Assessment, Mitigation, and Closure" dated October 2016.
9. Shaw Environmental collected samples on behalf of MassDEP, samples collected 3/24/05.
10. Highlighted samples indicate most recent round.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.
L The reported result is estimated because the calculated relative percent difference (RPD) betw sample and the matrix duplicate was above the quality control limit specified in the Quality Ass Project Plan (QAPP).
M The reporting limit is elevated due to a detection of the analyte in a method blank sample, trip l sample, or both.

Table 12. Chemical Testing Results - Indoor Air (25 Tufts Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	Basement																	
		Sample Name:	IA-4		25TUFTS-B		25TUFTS-B		25TUFTS-B		25 TUFTS-B		25 TUFTS-B		25 TUFTS-B		IA-3		25TUFTS-1	
		Sample Date:	2/23/05		3/23/06		8/1/06		10/2/06		12/15/06		1/20/26		3/6/26		2/23/05		3/23/06	
		Sampled By:	Shaw		GEI		GEI		GEI		GEI		GEI		GEI		Shaw		GEI	
		Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m³)**																		
Carbon Tetrachloride		0.54	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	0.56 J	0.089 J	NT	NT	NT	NT	< 1.3	< 0.20	< 1.3	< 0.20
Chloroform		1.9	< 0.98	< 0.20	< 0.98	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	2.0	0.40	< 0.98	< 0.20
Chloromethane		NS	0.74	0.36	1.1 L	0.52 L	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.95	0.46	1.1 L	0.54 L
Methylene Chloride		11	0.49 J	0.14 J	< 1.6 M	< 0.47 M	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.35 J	0.10 J	< 1.9 M	< 0.54 M
Tetrachloroethylene (PCE)		1.4	1.6	0.23	3.2	0.47	3.9	0.57	4.2	0.62	6.6	0.97	0.142	0.021	0.448	0.066	< 1.4	< 0.20	1.7	0.25
Trichloroethylene (TCE)		0.4	<1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	< 0.107	< 0.020	< 1.1	< 0.20	< 1.1	< 0.20

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. NS= No standard established
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. Shaw Environmental collected samples on behalf of MassDEP, samples collected 2/23/05.
10. Highlighted samples indicate most recent sampling round.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.
L The reported result is estimated because the calculated relative percent difference (RPD) between a sample and the matrix duplicate was above the quality control limit specified in the Quality Assurance Project Plan (QAPP).
M The reporting limit is elevated due to a detection of the analyte in a method blank sample, trip blank sample, or both.

Table 12. Chemical Testing Results - Indoor Air (25 Tufts Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	First Floor									
		Sample Name:	25TUFTS-1		25TUFTS-1		25 TUFTS-1		25 TUFTS-1		25 TUFTS-1	
		Sample Date:	8/1/06		10/2/06		12/15/06		1/20/26		3/6/26	
		Sampled By:	GEI		GEI		GEI		GEI		GEI	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**										
Carbon Tetrachloride		0.54	< 1.3	< 0.20	< 1.3	< 0.20	0.63 J	0.10 J	NT	NT	NT	NT
Chloroform		1.9	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chloromethane		NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride		11	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	2	0.29	< 1.4	< 0.20	1.7	0.25	0.210	0.031	0.353	0.052
Trichloroethylene (TCE)		0.4	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	0.113	0.021

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory repor
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. NS= No standard established
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guic Assessment, Mitigation and Closure" dated October 2016.
9. Shaw Environmental collected samples on behalf of MassDEP, samples collected 2/23/05.
10. Highlighted samples indicate most recent sampling round.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.
L The reported result is estimated because the calculated relative percent difference (RPD) b sample and the matrix duplicate was above the quality control limit specified in the Quality Project Plan (QAPP).
M The reporting limit is elevated due to a detection of the analyte in a method blank sample, t

Table 13. Chemical Testing Results - Indoor Air (166-168 Glen Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	Basement																	
		Sample Name:	166GLEN-B		166GLEN-B		166-168GLEN-B		166GLEN-B		166GLEN-B		166GLEN-B1		166GLEN-B1		166GLEN-1		166GLEN-1	
		Sample Date:	9/7/07		11/30/10		2/5/11		12/14/11		3/2/12		2/21/25		2/6/26		9/7/07		11/30/10	
		EPMM (Vent) Status:	NA (pre-installation)		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		NA (pre-installation)		Vent Open	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**																		
Volatile Organic Compounds (VOCs)	TO-15																			
1,1,1-Trichloroethane (TCA)		3	0.65 J	0.12 J	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	<0.109	<0.020	<0.109	<0.020	0.47 J	0.087 J	< 1.1 J+	< 0.20 J+
1,1-Dichloroethylene (1,1-DCE)		0.8	<0.79	<0.20	<0.79	< 0.20	<0.79	< 0.20	<0.79	< 0.20	<0.79	< 0.20	<0.079	<0.020	<0.079	<0.020	<0.79	<0.20	<0.79 J+	< 0.20 J+
Carbon tetrachloride		0.54	0.75 J	0.12 J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.88 J	0.14 J	NT	NT
Tetrachloroethylene (PCE)		1.4	4.1	0.61	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	0.407	0.060	0.719	0.106	5.0	0.74	< 1.4 J+	< 0.20 J+
trans-1,2-Dichloroethylene (trans-1,2-DCE)		0.8	<0.79	<0.20	<0.79	< 0.20	<0.79	< 0.20	<0.79	< 0.20	<0.79	< 0.79	0.230	0.058	<0.079	<0.020	<0.79	<0.20	<0.79 J+	< 0.20 J+

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. NT = Not tested
8. NA = Not applicable
9. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
10. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.
J+ The reported result is estimated.

Table 13. Chemical Testing Results - Indoor Air (166-168 Glen Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	First Floor									
		Sample Name:	166-168GLEN-1		166GLEN-1		166GLEN-1		166GLEN-F1		166GLEN-F1	
		Sample Date:	2/5/11		12/14/11		3/2/12		2/21/25		1/28/26	
		EPMM (Vent) Status:	Vent Open		Vent Open		Vent Open		Vent Open		Vent Open	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**										
Volatile Organic Compounds (VOCs)	TO-15											
1,1,1-Trichloroethane (TCA)		3	< 1.1	< 0.20	< 1.6	< 0.30	< 1.1	< 0.20	<0.109	<0.020	<0.109	<0.020
1,1-Dichloroethylene (1,1-DCE)		0.8	<0.79	< 0.20	<1.2	< 0.30	< 0.79	< 0.20	<0.079	<0.020	<0.079	<0.020
Carbon tetrachloride		0.54	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	< 1.4	< 0.20	< 2.0	< 0.30	< 1.4	< 0.20	1.12	0.165	1.57	0.232
trans-1,2-Dichloroethylene (trans-1,2-DCE)		0.8	<0.79	< 0.20	<1.2	< 0.30	< 0.79	<0.20	<0.079	<0.020	<0.079	<0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analy
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory rep
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. NT = Not tested
8. NA = Not applicable
9. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion G
10. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.
J+ The reported result is estimated.

Table 14. Chemical Testing Results - Indoor Air (17 Knowlton Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

			Sample Location:	First Floor													Basement													
			Sample Name:	17KNOW-1		17KNOW-1		17KNOW-1		17KNOW-1		17KNOW-1		17KNOW-1		17KNOW-1		17KNOW-B		17KNOW-B		17KNOW-B		17KNOW-B		17KNOW-B		17KNOW-B		17KNOW-B	
			Sample Date:	10/5/07		5/13/09		6/5/09		2/24/11		3/8/12		3/6/25		1/28/26		10/5/07		5/13/09		6/5/09		11/19/10		2/24/11		3/8/12		3/6/25		1/28/26	
			EPMM (Vent) Status:	NA (pre-installation)		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		NA (pre-installation)		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open	
			Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m³)**																													
Volatile Organic Compounds (VOCs)	TO-15																														
1,1,1-Trichloroethane (TCA)		3		0.13 J	0.71 J	<1.1	< 0.20	<1.1	< 0.20	<1.1	< 0.20	<1.1	< 0.20	<0.109	<0.020	<0.109	<0.020	<1.1	<0.20	<1.1	< 0.20	<1.1	< 0.20	<1.1	< 0.20	<1.1	< 0.20	<1.1	< 0.20	<0.109	<0.020	<0.109	<0.020
1,2-Dichloroethane (1,2-DCA)		0.09		<0.81	<0.20	0.81	0.20	0.93	0.23	NT	NT	NT	NT	NT	NT	NT	NT	<0.81	<0.20	< 0.81	< 0.20	< 0.81	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbon tetrachloride		0.54		0.63 J	0.10 J	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	0.60 J	0.095 J	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4		1.7	0.25	1.6	0.23	< 1.4	< 0.20	1.1 J	0.16 J	2.6	0.39	0.163	0.024	0.190	0.028	2.7	0.40	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	3.3	0.49	< 1.4	< 0.20	0.203	0.030	0.210	0.031

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. NT = Not tested
8. NA = Not applicable
9. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
10. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 15. Chemical Testing Results - Indoor Air (31 Tufts Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

			Sample Location:	Unit 101					Unit 102			Unit 103			Unit 104				Utility				
			Sample Name:	31TUFT-IA2					31TUFT-IA5			31TUFT-IA4			31TUFT-IA1				31TUFT-IA3				
			Sample Date:	10/17/2023	1/31/2024	9/6/2024	2/19/2025	2/6/2026	9/6/2024	2/19/2025	2/6/2026	9/6/2024	2/19/2025	2/6/2026	10/17/2023	1/31/2024	9/6/2024	2/19/2025	10/17/2023	1/31/2024	9/6/2024	2/19/2025	2/6/2026
			EPMM (Vent) Status:	Open	Open	Open	Closed	Closed	Open	Closed	Closed	Open	Closed	Closed	Open	Open	Open	Closed	Open	Open	Open	Closed	Closed
Analyte	Method	Units	MassDEP Residential Threshold Values																				
Volatile Organic Compounds (VOCs)	TO-15	µg/m^3																					
1,1-Dichloroethane (1,1-DCA)			0.8	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	0.134	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081
Tetrachloroethylene (PCE)			1.4	0.203	<0.136	<0.136	0.359	0.176	0.142	<0.136	0.203	<0.136	<0.136	0.136	<0.136	<0.136	0.604	<0.136	0.176	<0.136	0.210	0.231	0.685
trans-1,2-Dichloroethylene (trans-1,2-DCE)			0.8	<0.079	<0.079	0.139	<0.079	<0.079	0.167	<0.079	<0.079	0.119	<0.079	<0.079	<0.079	0.103	0.139	0.341	<0.079	<0.079	0.147	<0.079	<0.079

General Notes

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
4. MassDEP = Massachusetts Department of Environmental Protection
5. EPMM = Exposure Pathway Mitigation Measure.
6. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
7. Highlighted samples indicate most recent sampling round.
8. During the February 2025 and February 2026 sampling the vent pipe was closesd for one week prior to sampling.
9. During the February 2026 sampling Unit 104 was not sampled due to access constraints.

Table 16. Chemical Testing Results - Indoor Air (162-164 Glen Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	Basement												First Floor									
		Sample Name:	162GLEN-B		162GLEN-B		162-164-GLEN-B		162-164-GLEN-B		162-164-GLEN-B		162-164-GLEN-B		162GLEN-1		162GLEN-1		162-164-GLEN-1		162-164-GLEN-1		162-164-GLEN-1		162-164-GLEN-1	
		Sample Date:	8/13/07		1/28/10		11/19/10		2/4/11		2/6/26		3/10/26		8/13/07		1/28/10		11/19/10		2/4/11		2/6/26		3/10/26	
		Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m³)**																								
Volatile Organic Compounds (VOCs)	TO-15																									
1,1,1-Trichloroethane (TCA)		3	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	< 0.109	< 0.020	0.53 J	0.097 J	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	< 0.109	< 0.020
1,2-Dichloroethane (1,2-DCA)		0.09	2.5	0.61	< 0.81	< 0.20	< 0.81	< 0.20	NT	NT	NT	NT	NT	NT	0.65 J	0.16 J	< 0.81	< 0.20	< 0.81	< 0.20	NT	NT	NT	NT	NT	NT
Carbon tetrachloride		0.54	0.69 J	0.11 J	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	0.63 J	0.10 J	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	3.7	0.54	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	0.203	0.030	0.441	0.065	2.8	0.41	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	0.156	0.023	0.298	0.044

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
8. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 17. Chemical Testing Results - Indoor Air (97 Franklin Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	Basement																First Floor																		Second Floor			
		Sample Name:	97FRAN-B		97FRAN-B		97FRAN-B		97FRAN-B		97FRAN-B		97FRAN-B		97FRAN-B		97FRAN-B		97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-2		97FRAN-2	
		Sample Date:	9/29/07		2/21/08		7/24/08		1/14/09		3/8/10		5/24/24		2/19/25		2/10/26		9/29/07		2/21/08		7/24/08		1/14/09		3/8/10		5/24/24		2/19/25		2/10/26		5/24/24		2/19/25			
		Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values (µg/m³)**																																						
Volatile Organic Compounds (VOCs)	TO-15																																							
1,1,1-Trichloroethane (TCA)		3	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	0.125	0.023	0.240	0.044	<0.109	<0.020	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020
1,1-Dichloroethane (1,1-DCA)		0.8	<0.81	<0.20	<0.81	<0.20	<0.81	<0.20	<0.81	<0.20	<0.81	<0.20	<0.081	<0.020	0.085	0.021	<0.081	<0.020	<0.81	<0.20	<0.81	<0.20	<0.81	<0.20	<0.81	<0.20	<0.81	<0.20	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020
1,2-Dichloroethane (1,2-DCA)		0.09	<0.81	<0.20	<0.81	<0.20	0.81	0.20	<0.81	<0.20	<0.81	<0.20	NT	NT	NT	NT	NT	NT	<0.81	<0.20	0.69 J	0.17 J	11	2.6	<0.81	<0.20	<0.81	<0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbon Tetrachloride		0.54	<1.3	<0.20	<1.3	<0.20	0.69 J	0.11 J	0.75 J	0.12 J	< 1.3	<0.20	NT	NT	NT	NT	NT	NT	<1.3	<0.20	< 1.3	<0.20	0.69 J	0.11 J	0.63 J	0.10 J	<1.3	<0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	<1.4	<0.20	1.0 J	0.15 J	1.3 J	0.19 J	0.81 J	0.12 J	1.6	0.23	1.72	0.254	0.624	0.092	0.278	0.041	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	1.0 J	0.15 J	0.522	0.077	0.190	0.028	0.149	0.022	<0.136	<0.020	0.176	0.026
Trichloroethylene (TCE)		0.4	<1.4	<0.20	< 1.1	<0.20	< 1.1	<0.20	< 1.1	<0.20	< 1.1	<0.20	0.489	0.091	1.10	0.204	<0.107	<0.020	<1.4	<0.20	< 1.1	<0.20	< 1.1	<0.20	< 1.1	<0.20	< 1.1	<0.20	0.167	0.031	0.199	0.037	<0.107	<0.020	0.150	<0.028	0.220	0.041

General Notes:
1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. NT = Not tested
6. MassDEP = Massachusetts Department of Environmental Protection
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. Highlighted samples indicate most recent sampling round.

Qualifying Note:
J The reported result is below the laboratory reporting limit and is estimated.

Table 18. Chemical Testing Results - Indoor Air (4 Morton Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

			Sample Location:	First Floor													Basement													
			Sample Name:	4MORT-1		4MORT-1		4MORT-1		4MORT-1		4 MORT-1		4 MORT-1		4 MORT-1		4MORT-B		4MORT-B		4MORT-B		4MORT-B		4 MORT-B		4 MORT-B		4 MORT-B		4 MORT-B		4 MORT-B	
			Sample Date:	3/7/09		8/10/09		3/4/10		12/5/10		7/15/11		2/27/26		3/6/26		3/7/09		8/10/09		3/4/10		12/5/10		7/15/11		12/13/11		3/21/12		2/27/26		3/6/26	
			EPMM (Vent) Status:	Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open	
			Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m³)**																																	
Volatile Organic Compounds (VOCs)	TO-15																																		
1,2-Dichloroethane (1,2-DCA)		0.09		< 0.81	< 0.20	0.65 J	0.16 J	2.2	0.55	NT	NT	NT	<0.20	NT	NT	NT	NT	< 1.8	< 0.20	< 0.79	< 0.20	< 0.81	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbon Tetrachloride		0.54		0.61 J	0.097 J	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	< 0.020	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4		< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	<1.4	<0.20	<1.4	<0.20	0.203	0.030	0.231	0.034	18	2.6	1.4	0.20	5.7	0.84	15	2.2	14	2.0	12	1.8	15	2.2	5.77	0.851	4.68	0.690
Trichloroethylene (TCE)		0.4		<1.1	<0.20	<1.1	< 0.20	<1.1	< 0.20	<1.1	<0.20	<1.1	<0.20	<0.107	<0.020	< 0.107	< 0.020	<1.1	< 0.20	<1.1	< 0.20	<1.1	< 0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	0.333	0.062	0.236	0.044

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. No pre-EPMM indoor air samples were collected. The EPMM was installed based on sub-slab soil vapor testing results.
8. NT = Not tested
9. NS = No standard.
10. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
11. Samples collected after August 2009 were collected over a 24-hour period ending on the date shown.
12. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 19. Chemical Testing Results - Indoor Air (84 Franklin Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	Basement		Basement		First Floor		First Floor		Second Floor	
		Sample Name:	84-FRANK-B		84-FRANK-B		84-FRANK-F1		84-FRANK-F1		84-FRANK-F2	
		Sample Date:	5/7/25		4/1/2026		5/7/25		3/18/26		5/7/25	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**										
Volatile Organic Compounds (VOCs)	TO-15											
Tetrachloroethylene (PCE)		1.4	0.176	0.059	0.427	0.063	0.400	0.059	0.305	0.045	0.902	0.133
trans-1,2-Dichloroethylene (trans-1,2-DCE)		0.8	0.131	0.020	0.091	0.023	0.079	0.020	<0.079	<0.020	<0.079	<0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. NT= Not tested
5. NS= No standard established
6. MassDEP = Massachusetts Department of Environmental Protection
7. Residential Threshold Values for indoor air taken from the Massachusetts Department of Environmental Protection (MassDEP)
   Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure dated October 2016.
8. Highlighted samples indicate most recent sampling round.

Table 20. Chemical Testing Results - Indoor Air (121 Washington Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

			Pre-Redevelopment										Post-Redevelopment							
Location Name:			First Floor										First Floor Residential		Unit 1 (Second Floor)		Unit 2 (Second Floor)		Unit 3 (Second Floor)	
Sample Name:			121WASH-1A		121WASH-1B		121WASH-1		121WASH-1A		121WASH-1B		121WASH-RES-F1		121WASH-UNIT1		121WASH-UNIT2		121WASH-UNIT3	
Sample Date:			11/6/2007		11/6/2007		2/11/2008		6/9/2008		6/9/2008		3/18/2026		3/18/2026		3/18/2026		3/18/2026	
EPMM (Vent) Status:			NA (pre-redevelopment)		NA (pre-redevelopment)		NA (pre-redevelopment)		NA (pre-redevelopment)		NA (pre-redevelopment)		Closed		Closed		Closed		Closed	
Units:			µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values (µg/m³)**																		
Volatile Organic Compounds (VOCs)	TO-15																			
1,1,1-Trichloroethane (TCA)		3	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	1.3	0.24	1.4	0.26	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020
Carbon tetrachloride		0.54	0.82 J	0.13 J	0.88 J	0.14 J	0.69 J	0.11 J	0.75 J	0.12 J	0.75 J	0.12 J	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	1.5	0.22	1.4	0.20	<1.4	<0.20	1.6	0.24	1.6	0.24	<0.136	<0.020	<0.136	<0.020	<0.136	<0.020	<0.136	<0.020

General Notes

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. NT= Not tested
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 21. Summary of Meteorological Data During Air Sampling Events
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

Sample Location	Sample Date	Sample Location	Outside Temperature (ºF)[1,3]		Outside Barometric Pressure (in. Hg)[2,4]		Prevailing Wind Direction		General Weather Conditions		Significant precipitation within 12 hours prior to Sampling?
			Start	End	Start	End	Start	End	Start	End	
Residences											
60 Tufts Street	1/7/2026-1/8/2026	Unit 1	36	31	29.63	30.01	S	WNW	Rain	Sunny	Yes
		Garage									
		Storage 1			29.62	30.03					
		Storage 2									
		Hall				30.02					
		Unit 4-B			29.64	30.05		W	Cloudy		
		Unit 4-F1									
	1/8/2026	SS13	31	31	30.05		WNW	W	Sunny		
		SS10					W				
		SS14		35	30.05	30.12					
		Unit 4 SS2									
		Storage SS2	37	39	30.14		WNW				
		SS1									
19 Tufts Street	1/14/2026-1/15/2026	F1	44		29.64	29.29	SSW	S	Partly Cloudy	Cloudy	No
		B									
	3/9/2026-3/10/2026	F1	45	50	29.99	29.97	SW		Sunny		
		B	46								
25 Tufts Street	1/19/2026-1/20/2026	F1	29	20	29.81	30.12	W		Snow	Sunny	Yes
		B									
	3/5/2026-3/6/2026	F1	38	32	30.26	30.40	N	NE	Cloudy		
		B									
166-168 Glen Street	1/27/2026-1/28/2026	F1	9	10	29.98	30.04	W		Sunny		No
	2/5/2026-2/6/2026	B	12	19	30.05	29..78	W	NNW	Sunny	Cloudy	
17 Knowlton Street	1/27/2026-1/28/2026	F1	10	11	30.02	30.06	W		Sunny		Yes
		B									
31 Tufts Street	2/5/2026-2/6/2026	IA-3	23		30.05	29.74	WNW	N	Sunny	Cloudy	No
		IA-2									
		IA-5									
		IA-4									
	2/6/2026	SV1	23		29.73	29.68	N		Cloudy	Snow	Yes
		SV2									
162-164 Glen Street	2/5/2026-2/6/2026	F1	26	25	30.02	29.73	WNW	N	Sunny	Cloudy	Yes
		B									
	3/9/2026-3/10/2026	F1	41	49	29.99	29.97	SW		Sunny		No
		B									
97 Franklin Street	2/9/2026-2/10/2026	F1	22	29	30.11	30.08	NW	W	Sunny		No
		B									
	2/10/2026	SS1	30	32	30.08	30.04	SW		Cloudy		
		SS2									
4 Morton Street	2/26/2026-2/27/2026	F1	37	34	29.89	30.12	W	SW	Sunny		No
		B									
	3/5/2026-3/6/2026	F1	36	31	30.26	30.40	N	NE	Cloudy		Yes
		B									
84 Franklin Street	3/17/2026-3/18/2026	F1	43	25	29.52	30.31	W	WNW	Cloudy	Sunny	Yes
	3/31/2026-4/1/2026	B	50	45	29.95	30.09	NNE	NE	Cloudy		
121 Washington Street	3/18/2026	F1	41	25	29.55	30.34	W	WNW	Cloudy	Sunny	Yes
		Unit 1									
		Unit 2									
		Unt 3									
		SV-1	26	28	30.38	30.41	WNW		Sunny		No
		SV-2									

General Notes:
1. ºF = degrees Fahrenheit.
2. in. Hg = inches of mercury.
3. Temperatures were measured in the field using a hand-held thermometer and/or were based on local weather reports
4. Barometric pressures were measured in the field with a digital barometer

Appendix A MassDEP Transmittal Forms (BWSC126)

Massachusetts Department of Environmental Protection

eDEP Transaction Copy

Here is the file you requested for your records.

To retain a copy of this file you must save and/or print.

Username:	**NICTRO**
Transaction ID:	**1996038**
Document:	**BWSC126 Miscellaneous Document Transmittal Form**
Size of File:	**161.70K**
Status of Transaction:	**In Process**
Date and Time Created:	**3/17/2026:1:06:27 PM**

Note: This file only includes forms that were part of your transaction as of the date and time indicated above. If you need a more current copy of your transaction, return to eDEP and select to “Download a Copy” from the Current Submittals page.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

Miscellaneous Document Transmittal Form

BWSC 126

Release Tracking Number
3 - 23246

A. DISPOSAL SITE LOCATION:

1. Disposal Site Name: 50 TUFTS ST & PROP ACROSS THE ST
2. Street Address: 50 TUFTS ST
3. City/Town: SOMERVILLE 4. Zip Code: 021454129

B. THIS FORM IS BEING USED TO: (check all that apply)

☐ 1. Correct typographical errors and/or make corrections that do not materially affect the nature or complexity of the response actions. If changes are materially significant, then a revised or modified submittal must be made to the Department. List the report/form that is being corrected that is associated with the above Release Tracking Number (RTN). Attach an errata sheet containing a description of the errors and/or corrections.

Form/Report	Submittal Date(mm/dd/yyyy)	Transaction ID

☑ 2. Submit other documents associated with this RTN that cannot be submitted to the Department using any other BWSC transmittal form. Do not submit documents that are of a time-critical nature and/or that require a direct response from the Department and/or that require an LSP Opinion pursuant to 310 CMR 40.0015. (Section C is not required).

Description of Submittal INTERIM INDOOR AIR AND SOIL VAPOR RESULTS LETTER

☐ 3. Resign as LSP-of-Record for the above Release Tracking Number (RTN). Attach a copy of the LSP resignation letter. (Section D, E, and F are not required).

☐ 4. Submit copies of Public Notices required pursuant to 310 CMR 40.1400: (check all that apply)
(Section C is not required)

- ☐ a. Tier I Classification — ☐ Check here if submitting a copy of a legal notice
- ☐ b. Tier II Classification — ☐ Check here if submitting a copy of a legal notice
- ☐ c. Immediate Response Action (IRA)
- ☐ d. Release Abatement Measure (RAM)
- ☐ e. Downgradient Property Status (DPS)
- ☐ f. Utility-related Abatement Measure (URAM)
- ☐ g. Comprehensive Response Actions
- ☐ h. Activities related to recording/registering an Activity and Use Limitation (AUL) — ☐ Check here if submitting a copy of a legal notice
- ☐ i. Permanent or Temporary Solution

DRAFT COPY

(All sections of this transmittal form must be filled out unless otherwise noted)

B. THIS FORM IS BEING USED TO(cont.): (check all that apply)

☐ 5. Submit Public Involvement Petition documents. (check all that apply). (Section C is not required).

- ☐ a. Submit a Public Involvement Petition
- ☐ b. Submit a Public Involvement Petition Retraction
- ☐ c. Submit a Positive Public Involvement Petition Designation Letter
- ☐ d. Submit a Negative Public Involvement Designation Letter
- ☐ e. Submit a Draft Public Involvement Petition Plan
- ☐ f. Submit a Revised Public Involvement Petition Plan
- ☐ g. Submit a Final Public Involvement Petition Plan
- ☐ h. Submit a Notice of Public Comment Period

  Date of Close of Comment Period : _____ (mm/dd/yyyy)
- ☐ i. Submit a copy of a Public Involvement Petition legal notice
- ☐ j. Submit a Notice of Public Meeting

  Meeting Date: _____ (mm/dd/yyyy)
- ☐ k. Submit one Public Involvement Petition related documents not specified above:

  Describe: _____

☐ 6. Submit a RCRA Contained-In Determination document that soil and/or groundwater is no longer considered a hazardous waste pursuant to state (310 CMR 30.00) and federal (Title 40, Chapter I, Part 261 of the Code of Federal Regulations) hazardous waste regulations.

☐ 7. Submit notification and documentation of Reclamation Soil Reuse pursuant to 310 CMR 40.0031(2).

DRAFT COPY

C. LSP SIGNATURE:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: _____
2. First Name: _____ 3. Last Name: _____
4. Telephone: _____ 5. Ext.: _____ 6. Email: _____
7. Signature: _____
8. Date: _____ (mm/dd/yyyy)

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

Miscellaneous Document Transmittal Form

BWSC 126

Release Tracking Number
3 - 23246

D. PERSON MAKING A SUBMITTAL:

1. Check all that apply: ☐ a. Change in contact name ☐ b. Change of address ☐ c. Change in person undertaking response actions

2. Name of Organization: UNIFIRST CORPORATION

3. Contact First Name: CATHERINE 4. Last Name: MALAGRIDA

5. Street: 68 JONSPIN RD 6. Title: ENV COMPLIANCE MANAGER

7. City/Town: WILMINGTON 8. State: MA 9. ZIP Code: 018871090

10. Telephone: 9786588888 11. Ext.: 12. Email: catherine_malagrida@unifirst.com

☐ 13. Check here if the person is a Public Involvement Petitioner

E. RELATIONSHIP TO SITE OF PERSON MAKING SUBMITTAL:

☐ Check here to change relationship

☑ 1. RP or PRP ☐ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter

☑ e. Other RP or PRP Specify: OTHER PRPS

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c.21E, s.2)

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c.21E, s.5(j))

☐ 4. Any Other Person Undertaking Response Actions Specify Relationship:

F. CERTIFICATION OF PERSON MAKING SUBMITTAL:

DRAFT COPY

1. I, _____, st under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: _____ 3. Title: ENV COMPLIANCE MANAGER
Signature

4. For: UNIFIRST CORPORATION 5. Date: _____
(Name of person or entity recorded in Section D) mm/dd/yyyy

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section D.

7. Street:

8. City/Town: 9. State: 10. ZIP Code:

11. Telephone: 12. Ext.: 13. Email:

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

Miscellaneous Document Transmittal Form

BWSC 126

Release Tracking Number
3 - 23246

☐ Check here if any non-updatable information provided on this form is incorrect, e. g. property address. Send corrections to BWSC.eDEP@mass.gov

YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY):

DRAFT COPY

Appendix B Property Owner Notification Letters

March 17, 2026
Project No. 04516-3

Shelley Calder
Milton Yarberry
84 Franklin Street, Unit 3
Somerville, MA 02145

Re: Indoor Air Sampling
84 Franklin Street, Unit 3
Somerville, Massachusetts

Dear Ms. Calder and Mr. Yarberry:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air sampling at your property located at 84 Franklin Street in Somerville, Massachusetts. Prior to sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

DJM/
B:\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Franklin Street\84 Franklin\Notice of Sampling Letters\3 March 2026 NOS\84 Franklin 2026 Mar NOS Ltr.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4225

B. This notice is being provided to the following party:

1. Name: Ms. Shelley Calder and Mr. Milton Yarberry

2. Street Address: 84 Franklin Street

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling will be/~~has been~~ conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/~~has been~~ conducted:

1. Street Address: 84 Franklin Street

City/Town: Somerville, MA Zip Code: 02145-4216

2. MCP phase of work during which the sampling will be/~~has been~~ conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling will be/~~has been~~ conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

May 14, 2026
Project 045163

VIA EMAIL

Shelley Calder
Milton Yarberry
84 Franklin Street
Somerville, MA 02145

Re: Indoor Air Sampling Results
84 Franklin Street
Somerville, Massachusetts

Dear Ms. Calder and Mr. Yarberry:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air samples on March 18, and April 1, 2026, at your property at 84 Franklin Street to evaluate the potential for vapor intrusion. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On March 18, 2026, one indoor air sample was collected each in the basement, and on the first floor. During the sampling, the hardware used to collect the sample in the basement malfunctioned, and the sample could not be analyzed by the laboratory. GEI returned on April 1, 2026, to recollect the basement indoor air sample. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples (Table 1), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected in both samples. Concentrations of PCE were detected at 0.305 micrograms per meter cubed (µg/m^3) on the first floor and 0.427 µg/m^3 in the basement. Trans-1,2-dichloroethylene (trans-1,2-DCE) was also detected at 0.091 µg/m^3 in the basement.

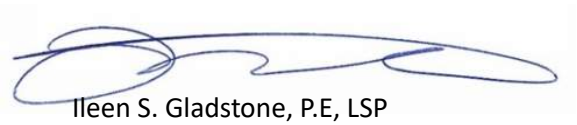
The detected indoor air concentrations, based on a risk characterization consistent with the Massachusetts Contingency Plan (MCP), pose a Condition of No Significant Risk (NSR). Furthermore, they are below the applicable MassDEP residential indoor air threshold values.

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide such additional documentation within 30 days of our receipt of such a request.

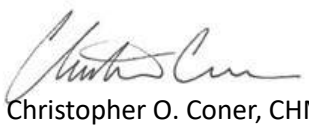
We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC



Ileen S. Gladstone, P.E, LSP
Senior Vice President



Christopher O. Coner, CHMM
Project Manager

CMG/DJM:jam
B:\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Franklin Street\84 Franklin\Notice of Sampling Letters\4 March 2026 Results\84 Franklin Street IA Results March 2026.docx

Attachments
cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4225

B. This notice is being provided to the following party:

1. Name: Ms. Shelley Calder and Mr. Milton Yarberry

2. Street Address: 84 Franklin Street

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 84 Franklin Street

City/Town: Somerville, MA Zip Code: 02145-4216

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1 - Chemical Testing Results - Indoor Air
Indoor Air Results Letter
84 Franklin Street
Somerville, Massachusetts

		Sample Location:	Basement				First Floor				Second Floor	
		Sample Name:	84-FRANK-B		84-FRANK-B		84-FRANK-F1		84-FRANK-F1		84-FRANK-F2	
		Sample Date:	5/7/25		4/1/26		5/7/25		3/18/26		5/7/25	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values**										
Volatile Organic Compounds (VOCs)	TO-15											
Tetrachloroethylene (PCE)		1.4	0.176	0.059	0.427	0.063	0.400	0.059	0.305	0.045	0.902	0.133
trans-1,2-Dichloroethene		0.8	0.131	0.020	0.091	0.023	0.079	0.020	<0.079	<0.020	<0.079	<0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. NT= Not tested
5. NS= No standard established
6. MassDEP = Massachusetts Department of Environmental Protection
7. Residential Threshold Values for indoor air taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2615132
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2615132-01
Client ID: 045163-84-FRANK-F1
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 07:27
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/25/26 21:18
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.045	0.020	--	0.305	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2618950
Report Date: 04/08/26

SAMPLE RESULTS

Lab ID: L2618950-01
Client ID: 045163-84-FRANK-B
Sample Location: SOMERVILLE, MA

Date Collected: 04/01/26 16:01
Date Received: 04/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 04/07/26 19:16
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	0.023	0.020	--	0.091	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.063	0.020	--	0.427	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	85		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	86		60-140

February 9, 2026
Project No. 04516-3

Catalina Barhona
97 Franklin Street
Somerville, MA 02145

Re: Indoor Air and Soil Vapor Sampling
97 Franklin Street
Somerville, Massachusetts

Dear Ms. Barhona:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air sampling at your property located at 97 Franklin Street in Somerville, Massachusetts. Prior to sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

DJM/
B:\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Franklin Street\97 Franklin_Sample Notification Letters\5 February 2026 NOS\97 Franklin 2026 Feb NOS Ltr.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Catalina Barhona

2. Street Address: 97 Franklin Street

City/Town: Somerville, MA Zip Code: 02145-4231

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling will be/~~has been~~ conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/~~has been~~ conducted:

1. Street Address: 97 Franklin Street

City/Town: Somerville, MA Zip Code: 02145-4231

2. MCP phase of work during which the sampling will be/~~has been~~ conducted:

☐ Immediate Response Action	☐ Phase III Feasibility Evaluation
☐ Release Abatement Measure	☐ Phase IV Remedy Implementation Plan
☐ Utility-related Abatement Measure	☑ Phase V/Remedy Operation Status
☐ Phase I Initial Site Investigation	☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Phase II Comprehensive Site Assessment	☐ Other _____ (specify)

3. Description of property where sampling will be/~~has been~~ conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air and sub-slab soil vapor sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

March 5, 2026
Project 045163

VIA US MAIL

Catalina Barahona
97 Franklin Street
Somerville, MA 02145

Re: Indoor Air and Sub-Soil Vapor Sampling Results
97 Franklin Street
Somerville, Massachusetts

Dear Ms. Barahona:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air and sub-slab soil vapor samples on February 10, 2026, at your property at 97 Franklin Street to evaluate the potential for vapor intrusion. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On February 10, 2026, one indoor air sample was collected each on the first floor, second floor and in the basement . During the sampling, the hardware used to collect the sample on the second floor malfunctioned, and the sample could not be analyzed by the laboratory. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples (Table 1), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected in the basement sample at a concentration of 0.278 micrograms per cubic meter (µg/m^3), and in the first-floor sample at a concentration of 0.149 µg/m^3. No other chlorinated VOCs were detected above the laboratory reporting limits.

On February 10, 2026, GEI collected two soil vapor samples from the previously installed sub-slab monitoring points to evaluate the concentrations of chlorinated VOCs in soil vapor beneath the building. The samples were collected over a 1-hour period. Attached is a summary table of the chemicals detected in the soil vapor samples (Table 2) and the laboratory data sheets for the recent sampling.

PCE was detected in at a concentration of 0.278 µg/m^3 and 0.753 µg/m^3 in monitoring points SS1 and SS2, respectively. Additionally, concentrations of 1,1-Dichloroethane were detected at a concentration of 0.219 µg/m^3 in SS1.

The detected indoor air concentrations are comparable to or less than previous results and pose a Condition of No Significant Risk (NSR). Furthermore, the detected indoor air and soil vapor concentrations are below the applicable MassDEP residential indoor air threshold values and sub-slab

soil gas screening values, respectively. Soil vapor concentrations that are below the soil vapor screening values generally indicate that the vapor intrusion pathway is unlikely to be of concern under current conditions.

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide such additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC

Ileen S. Gladstone, P.E, LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

Attachments

cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

NMT/DJM/COC/ISG:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Franklin Street\97 Franklin_Sample Notification Letters\6 February 2026 Results\97 Franklin Feb Results Ltr.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Catalina Barhona

2. Street Address: 97 Franklin Street

City/Town: Somerville, MA Zip Code: 02145-4231

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 97 Franklin Street

City/Town: Somerville, MA Zip Code: 02145-4231

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action	☐ Phase III Feasibility Evaluation
☐ Release Abatement Measure	☐ Phase IV Remedy Implementation Plan
☐ Utility-related Abatement Measure	☑ Phase V/Remedy Operation Status
☐ Phase I Initial Site Investigation	☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Phase II Comprehensive Site Assessment	☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air and sub-slab soil vapor sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1. Chemical Testing Results - Indoor Air
97 Franklin Street
Somerville, Massachusetts

		Sample Location:	Basement															
		Sample Name:	97FRAN-B		97FRAN-B		97FRAN-B		97FRAN-B		97FRAN-B		97FRAN-B		97FRAN-B		97FRAN-B	
		Sample Date:	9/29/07		2/21/08		7/24/08		1/14/09		3/8/10		5/24/24		2/19/25		2/10/26	
		Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values (µg/m³)**																
Volatile Organic Compounds (VOCs)	TO-15																	
Carbon Tetrachloride		0.54	<1.3	<0.20	<1.3	<0.20	0.69 J	0.11 J	0.75 J	0.12 J	< 1.3	<0.20	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane		0.8	<0.81	<0.20	<0.81	<0.20	<0.81	<0.20	<0.81	<0.20	<0.81	<0.20	<0.081	<0.020	0.085	0.021	<0.081	<0.020
1,2-Dichloroethane		0.09	<0.81	<0.20	<0.81	<0.20	0.81	0.20	<0.81	<0.20	<0.81	<0.20	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	<1.4	<0.20	1.0 J	0.15 J	1.3 J	0.19 J	0.81 J	0.12 J	1.6	0.23	1.72	0.254	0.624	0.092	0.278	0.041
1,1,1-Trichloroethane		3	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	0.125	0.023	0.240	0.044	<0.109	<0.020
Trichloroethylene (TCE)		0.4	<1.4	<0.20	1.0 J	0.15 J	1.3 J	0.19 J	0.81 J	0.12 J	1.6	0.23	0.489	0.091	1.10	0.204	<0.107	<0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. NT = Not tested
6. MassDEP = Massachusetts Department of Environmental Protection
7. EPMM = Exposure Pathway Mitigation Measure.
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 1. Chemical Testing Results - Indoor Air
97 Franklin Street
Somerville, Massachusetts

		Sample Location:	First Floor																Second Floor			
		Sample Name:	97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-1		97FRAN-2		97FRAN-2	
		Sample Date:	9/29/07		2/21/08		7/24/08		1/14/09		3/8/10		5/24/24		2/19/25		2/10/26		5/24/24		2/19/25	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values (µg/m^3)**																				
Volatile Organic Compounds (VOCs)	TO-15																					
Carbon Tetrachloride		0.54	<1.3	<0.20	< 1.3	<0.20	0.69 J	0.11 J	0.63 J	0.10 J	<1.3	<0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane		0.8	<0.81	<0.20	<0.81	<0.20	<0.81	<0.20	<0.81	<0.20	<0.81	<0.20	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020
1,2-Dichloroethane		0.09	<0.81	<0.20	0.69 J	0.17 J	11	2.6	<0.81	<0.20	<0.81	<0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	1.0 J	0.15 J	0.522	0.077	0.190	0.028	0.149	0.022	<0.136	<0.020	0.176	0.026
1,1,1-Trichloroethane		3	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020
Trichloroethylene (TCE)		0.4	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	1.0 J	0.15 J	0.167	0.031	0.199	0.037	<0.107	<0.020	0.150	<0.028	0.220	0.041

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. NT = Not tested
6. MassDEP = Massachusetts Department of Environmental Protection
7. EPMM = Exposure Pathway Mitigation Measure.
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 2 - Chemical Testing Results Sub-Slab Soil Vapor
97 Franklin Street
Somerville, Massachusetts

		Sample Location:	97 Franklin Street															
		Sample Name:	97FRANK-SS1 6/30/2007		97FRANK-SS2 6/30/2007		97FRANK-SS1 5/24/2024		97FRANK-SS2 5/24/2024		97FRANK-SS1 2/19/2025		97FRANK-SS2 2/19/2025		97FRANK-SS1 2/10/26		97FRANK-SS2 2/10/2026	
		Sample Date:																
		Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Screening Values (µg/m³)**																
Volatile Organic Compounds (VOCs)	TO-15																	
Carbon tetrachloride		38	0.82 J	0.13 J	< 0.53	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane		56	NT	NT	NT	NT	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020	0.219	0.054	<0.081	<0.020
Tetrachloroethylene (PCE)		98	34	5.0	86.8	12.8	1.31	0.193	6.16	0.909	21.0	3.10	1.04	0.153	0.278	0.041	0.753	0.111
1,1,1-Trichloroethane (TCA)		210	< 1.1	< 0.20	1.5	0.27	<0.109	<0.020	0.136	0.025	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020
Trichloroethylene (TCE)		28	<1.1	<0.20	<1.1	<0.20	<0.107	<0.020	0.150	0.028	0.113	0.021	0.269	0.050	<0.107	<0.020	<0.107	<0.020

General Notes:
1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
8. Highlighted samples indicate most recent sampling round.

Qualifying Note:
J The reported result is below the laboratory reporting limit and is estimated.

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607541
Report Date: 02/17/26

SAMPLE RESULTS

Lab ID: L2607541-01
Client ID: 045163-97FRAN-B
Sample Location: SOMERVILLE, MA

Date Collected: 02/10/26 11:05
Date Received: 02/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/15/26 01:19
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.041	0.020	--	0.278	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	72		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	86		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607541
Report Date: 02/17/26

SAMPLE RESULTS

Lab ID: L2607541-02
Client ID: 045163-97FRAN-1
Sample Location: SOMERVILLE, MA

Date Collected: 02/10/26 11:10
Date Received: 02/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/15/26 02:00
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.022	0.020	--	0.149	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	74		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	87		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607541
Report Date: 02/17/26

SAMPLE RESULTS

Lab ID: L2607541-04
Client ID: 045163-97FRANK-SS1
Sample Location: SOMERVILLE, MA

Date Collected: 02/10/26 12:11
Date Received: 02/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/17/26 02:44
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	0.054	0.020	--	0.219	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.041	0.020	--	0.278	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	103		60-140
bromochloromethane	105		60-140
chlorobenzene-d5	106		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607541
Report Date: 02/17/26

SAMPLE RESULTS

Lab ID: L2607541-05
Client ID: 045163-97FRANK-SS2
Sample Location: SOMERVILLE, MA

Date Collected: 02/10/26 12:30
Date Received: 02/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/17/26 03:24
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.111	0.020	--	0.753	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	103		60-140
bromochloromethane	106		60-140
chlorobenzene-d5	109		60-140

January 29, 2026
Project No. 04516-3

Mr. Rui Maciel
Mrs. Joanna Maciel
162-164 Glen Street
Somerville, MA 02145

Re: Indoor Air Sampling
162-164 Glen Street
Somerville, Massachusetts

Dear Mr. and Mrs. Maciel:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air sampling at your property located at 162-164 Glen Street in Somerville, Massachusetts. Prior to sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Glen Street\162-164 Glen\2026 Sampling Letters\1. January 2026 NOS\162-164 Glen Street NOS Ltr Jan 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Mr. Rui Maciel and Mrs. Joanna Maciel

2. Street Address: 162-164 Glen Street

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling will be/~~has been~~ conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/~~has been~~ conducted:

1. Street Address: 162-164 Glen Street

City/Town: Somerville, MA Zip Code: 02145

2. MCP phase of work during which the sampling will be/~~has been~~ conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling will be/~~has been~~ conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

March 5, 2026
Project No. 04516-3

VIA EMAIL

Mr. Rui Maciel
Mrs. Joanna Maciel
162-164 Glen Street
Somerville, MA 02145

Re: Indoor Air Sampling Results
162-164 Glen Street
Somerville, Massachusetts

Dear Mr. and Mrs. Maciel:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air samples on February 6, 2026, at your property at 162-164 Glen Street to evaluate the potential for vapor intrusion. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On February 6, 2026, one indoor air sample was collected each in the basement and on the first floor. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples (Table 1), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected at a concentration of 0.156 micrograms per meter cubed ($\mu g/m^3$) on the first floor and 0.203 $\mu g/m^3$ in the basement. No other chlorinated VOCs were detected above the laboratory reporting limits.

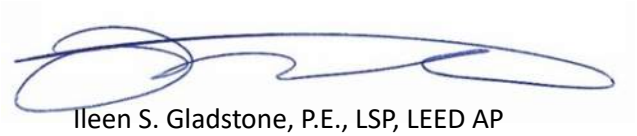
The detected indoor air concentrations are below the applicable MassDEP residential indoor air threshold values and pose a condition of No Significant Risk (NSR).

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC.



Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Attachment

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM/COC/ISG:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Glen Street\162-164 Glen\2026 Sampling Letters\2. February 2026 Results\162-164 Glen Street Results Feb 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Mr. Rui Maciel and Mrs. Joanna Maciel

2. Street Address: 162-164 Glen Street

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 162-164 Glen Street

City/Town: Somerville, MA Zip Code: 02145

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1 - Chemical Testing Results - Indoor Air
162-164 Glen Street
Somerville, Massachusetts

		Sample Location:	Basement									
		Sample Name:	162GLEN-B		162GLEN-B		162-164-GLEN-B		162-164-GLEN-B		162-164-GLEN-B	
		Sample Date:	8/13/07		1/28/10		11/19/10		2/4/11		2/6/26	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**										
Volatile Organic Compounds (VOCs)	TO-15											
Carbon tetrachloride		0.54	0.69 J	0.11 J	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT
1,2-Dichloroethane		0.09	2.5	0.61	< 0.81	< 0.20	< 0.81	< 0.20	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	3.7	0.54	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	0.203	0.030
1,1,1-Trichloroethane (TCA)		3	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
8. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 1 - Chemical Testing Results - Indoor Air
162-164 Glen Street
Somerville, Massachusetts

		Sample Location:	First Floor									
		Sample Name:	162GLEN-1		162GLEN-1		162-164-GLEN-1		162-164-GLEN-1		162-164-GLEN-1	
		Sample Date:	8/13/07		1/28/10		11/19/10		2/4/11		2/6/26	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**										
Volatile Organic Compounds (VOCs)	TO-15											
Carbon tetrachloride		0.54	0.63 J	0.10 J	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT
1,2-Dichloroethane		0.09	0.65 J	0.16 J	< 0.81	< 0.20	< 0.81	< 0.20	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	2.8	0.41	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	0.156	0.023
1,1,1-Trichloroethane (TCA)		3	0.53 J	0.097 J	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
8. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607029
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607029-01
Client ID: 045163-162-164-GLEN-B
Sample Location: SOMERVILLE, MA

Date Collected: 02/06/26 11:08
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 20:56
Analyst: RAY

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.030	0.020	--	0.203	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	104		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607029
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607029-02
Client ID: 045163-162-164-GLEN-1
Sample Location: SOMERVILLE, MA

Date Collected: 02/06/26 11:15
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 21:36
Analyst: RAY

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.023	0.020	--	0.156	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	105		60-140

March 9, 2026
Project No. 04516-3

Mr. Rui Maciel
Mrs. Joanna Maciel
162-164 Glen Street
Somerville, MA 02145

Re: Indoor Air Sampling
162-164 Glen Street
Somerville, Massachusetts

Dear Mr. and Mrs. Maciel:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air sampling at your property located at 162-164 Glen Street in Somerville, Massachusetts. Prior to sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM:jam
B:\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Glen Street\162-164 Glen\2026 Sampling Letters\3. March 2026 NOS\162-164 Glen Street NOS Ltr March 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Mr. Rui Maciel and Mrs. Joanna Maciel

2. Street Address: 162-164 Glen Street

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling will be/~~has been~~ conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/~~has been~~ conducted:

1. Street Address: 162-164 Glen Street

City/Town: Somerville, MA Zip Code: 02145

2. MCP phase of work during which the sampling will be/~~has been~~ conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling will be/~~has been~~ conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

May 6, 2026
Project No. 04516-3

VIA EMAIL

Mr. Rui Maciel
Mrs. Joanna Maciel
162-164 Glen Street
Somerville, MA 02145

Re: Indoor Air Sampling Results
162-164 Glen Street
Somerville, Massachusetts

Dear Mr. and Mrs. Maciel:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air samples on March 10, 2026, at your property at 162-164 Glen Street to evaluate the potential for vapor intrusion. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On March 10, 2026, one indoor air sample was collected each in the basement and on the first floor. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples (Table 1), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected at a concentration of 0.298 micrograms per meter cubed ($\mu g/m^3$) on the first floor and 0.441 $\mu g/m^3$ in the basement. No other chlorinated Volatile Organic Compounds (VOCs) were detected above the laboratory reporting limits.

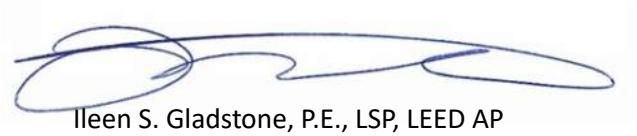
The detected indoor air concentrations are below the applicable MassDEP residential indoor air threshold values and pose a condition of No Significant Risk (NSR).

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC.



Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Attachments

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

JWG/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Glen Street\162-164 Glen\2026 Sampling Letters\4. March 2026 Results\162-164 Glen Street Results March 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Mr. Rui Maciel and Mrs. Joanna Maciel

2. Street Address: 162-164 Glen Street

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 162-164 Glen Street

City/Town: Somerville, MA Zip Code: 02145

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 100 Quannapowitt Pkwy

City/Town: Wakefield, MA Zip Code: 01880

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1 - Chemical Testing Results - Indoor Air (162-164 Glen Street)
Indoor Air Results Letter
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	Basement											
		Sample Name:	162GLEN-B		162GLEN-B		162-164-GLEN-B		162-164-GLEN-B		162-164-GLEN-B		162-164-GLEN-B	
		Sample Date:	8/13/07		1/28/10		11/19/10		2/4/11		2/6/26		3/10/26	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**												
Volatile Organic Compounds (VOCs)	TO-15													
1,1,1-Trichloroethane (TCA)		3	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	< 0.109	< 0.020
1,2-Dichloroethane (DCA)		0.09	2.5	0.61	< 0.81	< 0.20	< 0.81	< 0.20	NT	NT	NT	NT	NT	NT
Carbon tetrachloride		0.54	0.69 J	0.11 J	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	3.7	0.54	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	0.203	0.030	0.441	0.065

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
7. Highlighted samples indicate most recent sampling

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 1 - Chemical Testing Results - Indoor Air (162-164 Glen Street)
Indoor Air Results Letter
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	First Floor											
		Sample Name:	162GLEN-1		162GLEN-1		162-164-GLEN-1		162-164-GLEN-1		162-164-GLEN-1		162-164-GLEN-1	
		Sample Date:	8/13/07		1/28/10		11/19/10		2/4/11		2/6/26		3/10/26	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**												
Volatile Organic Compounds (VOCs)	TO-15													
1,1,1-Trichloroethane (TCA)		3	0.53 J	0.097 J	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	< 0.109	< 0.020
1,2-Dichloroethane (DCA)		0.09	0.65 J	0.16 J	< 0.81	< 0.20	< 0.81	< 0.20	NT	NT	NT	NT	NT	NT
Carbon tetrachloride		0.54	0.63 J	0.10 J	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	2.8	0.41	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	0.156	0.023	0.298	0.044

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
7. Highlighted samples indicate most recent sampling

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613018
Report Date: 03/24/26

SAMPLE RESULTS

Lab ID: L2613018-01
Client ID: 045163-162-164-GLEN-B
Sample Location: SOMERVILLE, MA

Date Collected: 03/10/26 09:05
Date Received: 03/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/19/26 18:55
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613018
Report Date: 03/24/26

SAMPLE RESULTS

Lab ID: L2613018-01
Client ID: 045163-162-164-GLEN-B
Sample Location: SOMERVILLE, MA

Date Collected: 03/10/26 09:05
Date Received: 03/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/21/26 02:24
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Tetrachloroethene	0.065	0.020	--	0.441	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	97		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	100		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613018
Report Date: 03/24/26

SAMPLE RESULTS

Lab ID: L2613018-02
Client ID: 045163-162-164-GLEN-1
Sample Location: SOMERVILLE, MA

Date Collected: 03/10/26 09:10
Date Received: 03/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/19/26 19:29
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	96		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613018
Report Date: 03/24/26

SAMPLE RESULTS

Lab ID: L2613018-02
Client ID: 045163-162-164-GLEN-1
Sample Location: SOMERVILLE, MA

Date Collected: 03/10/26 09:10
Date Received: 03/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/21/26 02:58
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Tetrachloroethene	0.044	0.020	--	0.298	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	99		60-140

January 26, 2026
Project No. 04516-3

Martin Kwok
166-168 Glen Street
Somerville, MA 02145

Re: Indoor Air Sampling
166-168 Glen Street
Somerville, Massachusetts

Dear Mr. Kwok:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air sampling at your property located at 166-168 Glen Street in Somerville, Massachusetts. Prior to sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM
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Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Martin Kwok

2. Street Address: 166-168 Glen Street

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling will be/~~has been~~ conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/~~has been~~ conducted:

1. Street Address: 166-168 Glen Street

City/Town: Somerville, MA Zip Code: 02145

2. MCP phase of work during which the sampling will be/~~has been~~ conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling will be/~~has been~~ conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

March 5, 2026
Project 045163

VIA EMAIL

Mr. Martin Kwok
166-168 Glen Street
Somerville, MA 02143

Re: Indoor Air Sampling Results
166-168 Glen Street
Somerville, Massachusetts

Dear Mr. Kwok:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air samples on January 28 and February 6, 2026, at your property at 166-168 Glen Street to evaluate the potential for vapor intrusion. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached. An Exposure Pathway Mitigation Measure (EPMM) was installed at 166-168 Glen Street in late November 2010.

On January 28, 2026, one indoor air sample was collected in the basement and one sample was collected on the first floor. During the sampling, the hardware used to collect the sample in the basement malfunctioned, and the sample could not be analyzed by the laboratory. GEI returned on February 6, 2026, to recollect the basement indoor air sample. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples (Table 1), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected at a concentration of 1.57 micrograms per meter cubed ($\mu g/m^3$) on the first floor and 0.719 $\mu g/m^3$ in the basement. No other chlorinated VOCs were detected above the laboratory reporting limits.

Based on a risk assessment, consistent with the Massachusetts Contingency Plan (MCP), the indoor air concentrations pose a Condition of No Significant Risk (NSR).

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide such additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC

Ileen S. Gladstone, P.E, LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

Attachments

cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

NMT/DJM/COC/ISG:jam
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Table 1 - Chemical Testing Results - Pre- and Post-EPMM Indoor Air
166-168 Glen Street
Somerville, Massachusetts

		Sample Location:	Basement													
		Sample Name:	166GLEN-B		166GLEN-B		166-168GLEN-B		166GLEN-B		166GLEN-B		166GLEN-B1		166GLEN-B1	
		Sample Date:	9/7/07		11/30/10		2/5/11		12/14/11		3/2/12		2/21/25		2/6/26	
		EPMM (Vent) Status:	NA (pre-installation)		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open	
		Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m³)**														
Volatile Organic Compounds (VOCs)	TO-15															
1,1,1-Trichloroethane (TCA)		3	0.65J	0.12 J	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	<0.109	<0.020	<0.109	<0.020
Carbon tetrachloride		0.54	0.75 J	0.12 J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	4.1	0.61	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	0.407	0.060	0.719	0.106
trans-1,2-Dichloroethene		0.8	<0.79	<0.20	<0.79	< 0.20	<0.79	< 0.20	<0.79	< 0.20	NT	NT	0.230	0.058	<0.079	<0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. NT = Not tested
8. NA = Not applicable
9. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
10. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.
J+ The reported result is estimated.

Table 1 - Chemical Testing Results - Pre- and Post-EPMM Indoor Air
166-168 Glen Street
Somerville, Massachusetts

		Sample Location:	First Floor													
		Sample Name:	166GLEN-1		166GLEN-1		166-168GLEN-1		166GLEN-1		166GLEN-1		166GLEN-F1		166GLEN-F1	
		Sample Date:	9/7/07		11/30/10		2/5/11		12/14/11		3/2/12		2/21/25		1/28/26	
		EPMM (Vent) Status:	NA (pre-installation)		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**														
Volatile Organic Compounds (VOCs)	TO-15															
1,1,1-Trichloroethane (TCA)		3	0.47 J	0.087 J	< 1.1 J+	< 0.20 J+	< 1.1	< 0.20	< 1.6	< 0.30	< 1.1	< 2.0	<0.109	<0.020	<0.109	<0.020
Carbon tetrachloride		0.54	0.88 J	0.14 J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	5.0	0.74	< 1.4 J+	< 0.20 J+	< 1.4	< 0.20	< 2.0	< 0.30	< 1.4	< 0.20	1.12	0.165	1.57	0.232
trans-1,2-Dichloroethene		0.8	<0.79	<0.20	<0.79 J+	< 0.20 J+	<0.79	< 0.20	<1.2	< 0.30	NT	NT	<0.079	<0.020	<0.079	<0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. NT = Not tested
8. NA = Not applicable
9. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
10. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.
J+ The reported result is estimated.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2605271
Report Date: 02/05/26

SAMPLE RESULTS

Lab ID: L2605271-01
Client ID: 045163-166GLEN-F1
Sample Location: SOMERVILLE, MA

Date Collected: 01/28/26 08:40
Date Received: 01/29/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/04/26 04:47
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.232	0.020	--	1.57	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	97		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607030
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607030-01
Client ID: 045163-166GLEN-B1
Sample Location: SOMERVILLE, MA

Date Collected: 02/06/26 08:35
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 22:19
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.106	0.020	--	0.719	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	95		60-140

January 26, 2026
Project No. 04516-3

Clementina Cabral
17 Knowlton Street
Somerville, MA 02145

Re: Indoor Air Sampling
17 Knowlton Street
Somerville, Massachusetts

Dear Ms. Cabral:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air sampling at your property located at 17 Knowlton Street in Somerville, Massachusetts. Prior to sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM
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Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Clemintina Cabral

2. Street Address: 17 Knowlton Street

City/Town: Somerville, MA Zip Code: 02145-4225

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling will be/~~has been~~ conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/~~has been~~ conducted:

1. Street Address: 17 Knowlton Street

City/Town: Somerville, MA Zip Code: 02145-4225

2. MCP phase of work during which the sampling will be/~~has been~~ conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling will be/~~has been~~ conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor Air Sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

March 5, 2026
Project No. 04516-3

VIA US MAIL

Ms. Clementina Cabral
17 Knowlton Street
Somerville, MA 02145

Re: Indoor Air Sampling Results
17 Knowlton Street
Somerville, Massachusetts

Dear Ms. Cabral:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air samples on January 28, 2026, at your property at 17 Knowlton Street to evaluate the potential for vapor intrusion. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On January 28, 2026, one indoor air sample was collected on each the first floor, and in the basement. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples (Table 1), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected at a concentration of 0.190 micrograms per meter cubed ($\mu g/m^3$) on the first floor and 0.210 $\mu g/m^3$ in the basement. No other chlorinated VOCs were detected above the laboratory reporting limits.

The detected indoor air concentrations are comparable to or less than historical results and pose a Condition of No Significant Risk (NSR). Furthermore, they are below the applicable MassDEP residential indoor air threshold values.

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide such additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC

Ileen S. Gladstone, P.E, LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

Attachments

cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

JP/DJM/COC/ISG:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Knowlton Street\17 Knowlton\2026 Sampling Letters\2. 2026 Jan Results\17 Knowlton Street Results Jan 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Clementina Cabral

2. Street Address: 17 Knowlton Street

City/Town: Somerville, MA Zip Code: 02145-4225

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 17 Knowlton Street

City/Town: Somerville, MA Zip Code: 02145-4225

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor Air Sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1 - Chemical Testing Results - Pre- and Post-EPMM Installation Indoor Air
17 Knowlton Street
Somerville, Massachusetts

Sample Location:			First Floor													
Sample Name:			17KNOW-1		17KNOW-1		17KNOW-1		17KNOW-1		17KNOW-1		17KNOW-1		17KNOW-1	
Sample Date:			10/5/07		5/13/09		6/5/09		2/24/11		3/8/12		3/6/25		1/28/26	
EPMM (Vent) Status:			NA (pre-installation)		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open	
Units:			µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**														
Volatile Organic Compounds (VOCs)	**TO-15**															
1,1,1-Trichloroethane (TCA)		3	0.13 J	0.71 J	<1.1	< 0.20	<1.1	< 0.20	<1.1	< 0.20	<1.1	< 0.20	<0.109	<0.020	<0.109	<0.020
1,2-Dichloroethane (DCA)		0.09	<0.81	<0.20	0.81	0.20	0.93	0.23	NT	NT	NT	NT	NT	NT	NT	NT
Carbon tetrachloride		0.54	0.63 J	0.10 J	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	1.7	0.25	1.6	0.23	< 1.4	< 0.20	1.1 J	0.16 J	2.6	0.39	0.163	0.024	0.190	0.028

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. NT = Not tested
8. NA = Not applicable
9. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
10. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 1 - Chemical Testing Results - Pre- and Post-EPMM Installation Indoor Air
17 Knowlton Street
Somerville, Massachusetts

		Sample Location:	Basement															
		Sample Name:	17KNOW-B		17KNOW-B		17KNOW-B		17KNOW-B		17KNOW-B		17KNOW-B		17KNOW-B		17KNOW-B	
		Sample Date:	10/5/07		5/13/09		6/5/09		11/19/10		2/24/11		3/8/12		3/6/25		1/28/26	
		EPMM (Vent) Status:	NA (pre-installation)		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**																
Volatile Organic Compounds (VOCs)	**TO-15**																	
1,1,1-Trichloroethane (TCA)		3	<1.1	<0.20	<1.1	< 0.20	<1.1	< 0.20	<1.1	< 0.20	<1.1	< 0.20	<1.1	< 0.20	<0.109	<0.020	<0.109	<0.020
1,2-Dichloroethane (DCA)		0.09	<0.81	<0.20	< 0.81	< 0.20	< 0.81	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbon tetrachloride		0.54	0.60 J	0.095 J	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	2.7	0.40	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	3.3	0.49	< 1.4	< 0.20	0.203	0.030	0.210	0.031

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. NT = Not tested
8. NA = Not applicable
9. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
10. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2605269
Report Date: 02/04/26

SAMPLE RESULTS

Lab ID: L2605269-01
Client ID: 045163-17KNOW-B
Sample Location: SOMERVILLE, MA

Date Collected: 01/28/26 09:07
Date Received: 01/29/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/04/26 03:11
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.031	0.020	--	0.210	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2605269
Report Date: 02/04/26

SAMPLE RESULTS

Lab ID: L2605269-02
Client ID: 045163-17KNOW-1
Sample Location: SOMERVILLE, MA

Date Collected: 01/28/26 09:15
Date Received: 01/29/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/04/26 03:55
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.028	0.020	--	0.190	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

February 26, 2026
Project No. 04516-3

Qiao Xinjian, Trustee
Marion Morton Realty Trust
46 Gibson Street
Medford, MA 02155

Re: Indoor Air Sampling
4 Morton Street
Somerville, Massachusetts

Dear Qiao Xinjian:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air sampling at your property located at 4 Morton Street in Somerville, Massachusetts. Prior to sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM:jam
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Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Qiao Xinjian, Trustee (Marion Morton Realty Trust)

2. Street Address: 46 Gibson Street

City/Town: Medford, MA Zip Code: 02155

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling will be/~~has been~~ conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/~~has been~~ conducted:

1. Street Address: 4 Morton Street

City/Town: Somerville, MA Zip Code: 02145-4205

2. MCP phase of work during which the sampling will be/~~has been~~ conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling will be/~~has been~~ conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

March 5, 2026
Project No. 04516-3

Xinjian Qiao, Trustee
Marion Morton Realty Trust
46 Gibson Street
Medford, MA 02155

Re: Indoor Air Sampling
4 Morton Street
Somerville, Massachusetts

Dear Ms. Xinjian Qiao:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air sampling at your property located at 4 Morton Street in Somerville, Massachusetts. Prior to sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM:jam
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Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Xinjian Qiao, Trustee (Marion Morton Realty Trust)

2. Street Address: 46 Gibson Street

City/Town: Medford, MA Zip Code: 02155

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling will be/~~has been~~ conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/~~has been~~ conducted:

1. Street Address: 4 Morton Street

City/Town: Somerville, MA Zip Code: 02145-4205

2. MCP phase of work during which the sampling will be/~~has been~~ conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling will be/~~has been~~ conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

May 6, 2026
Project No. 04516-3

VIA EMAIL

Xinjian Qiao, Trustee
Marion Morton Realty Trust
46 Gibson Street
Medford, MA 02155

Re: Indoor Air Sampling Results
4 Morton Street
Somerville, Massachusetts

Dear Ms. Xinjian Qiao:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air samples on February 27, 2026, and March 6, 2026, at your property at 4 Morton Street to evaluate the potential for vapor intrusion. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On February 27, 2026, and March 6, 2026, one indoor air sample was collected each in the basement and on the first floor. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples (Table 1), and the laboratory data sheets for the recent sampling.

During the February 27, 2026, sampling round, tetrachloroethylene (PCE) was detected at a concentration of 0.203 micrograms per cubic meter ($\mu g/m^3$) on the first floor and 5.77 $\mu g/m^3$ in the basement. Trichloroethylene (TCE) was detected at a concentration of 0.333 $\mu g/m^3$ in the basement. No other chlorinated Volatile Organic Compounds (VOCs) were detected above the laboratory reporting limits.

During the March 6, 2026, sampling round, PCE was detected at a concentration of 0.231 $\mu g/m^3$ on the first floor and 4.68 $\mu g/m^3$ in the basement. TCE was detected at a concentration of 0.236 $\mu g/m^3$ in the basement. No other chlorinated VOCs were detected above the laboratory reporting limits.

The detected indoor air concentrations are comparable to historical results and, based on a risk characterization consistent with Massachusetts Contingency Plan (MCP), pose a Condition of No Significant Risk (NSR). Furthermore, the concentration of PCE detected on the first floor in both sampling events is below the applicable MassDEP residential indoor air threshold value. The threshold value is not applicable to the basement because it is unoccupied space.

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC

Ileen S. Gladstone, P.E, LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

Attachments

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

JWG/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Morton Street\4 Morton\2026 Sampling Letters\3. 2026 Feb & Mar Results\4 Morton Street Results Ltr Feb and March 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Qiao Xinjian, Trustee (Marion Morton Realty Trust)

2. Street Address: 46 Gibson Street

City/Town: Medford, MA Zip Code: 02155

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 4 Morton Street

City/Town: Somerville, MA Zip Code: 02145-4205

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 100 Quannapowitt Pkwy

City/Town: Wakefield, MA Zip Code: 01880

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1 - Chemical Testing Results - Post-EPMM Installation Indoor Air
4 Morton Street
Somerville, Massachusetts

		Sample Location:	First Floor													
		Sample Name:	4MORT-1		4MORT-1		4MORT-1		4MORT-1		4 MORT-1		4 MORT-1		4 MORT-1	
		Sample Date:	3/7/09		8/10/09		3/4/10		12/5/10		7/15/11		2/27/26		3/6/26	
		EPMM (Vent) Status:	Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open		Vent Open	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**Residential Threshold Values (µg/m^3)**														
Volatile Organic Compounds (VOCs)	TO-15															
1,2-Dichloroethane		0.09	< 0.81	< 0.20	0.65 J	0.16 J	2.2	0.55	NT	NT	NT	<0.20	NT	NT	NT	NT
Carbon Tetrachloride		0.54	0.61 J	0.097 J	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	< 0.020
Tetrachloroethylene (PCE)		1.4	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	<1.4	<0.20	<1.4	<0.20	0.203	0.030	0.231	0.034
Trichloroethylene (TCE)		0.4	<1.1	<0.20	<1.1	< 0.20	<1.1	< 0.20	<1.1	<0.20	<1.1	<0.20	<0.107	<0.020	< 0.107	< 0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. No pre-EPMM indoor air samples were collected. The EPMM was installed based on sub-slab soil vapor testing results.
8. NT = Not tested
9. NS = No standard.
10. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October
11. Samples collected after August 2009 were collected over a 24-hour period ending on the date shown.
12. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 1 - Chemical Testing Results - Post-EPMM Installation Indoor Air
4 Morton Street
Somerville, Massachusetts

Sample Location:			**Basement**																	
Sample Name:			**4MORT-B**		**4MORT-B**		**4MORT-B**		**4MORT-B**		**4 MORT-B**		**4 MORT-B**		**4 MORT-B**		**4 MORT-B**		**4 MORT-B**	
Sample Date:			**3/7/09**		**8/10/09**		**3/4/10**		**12/5/10**		**7/15/11**		**12/13/11**		**3/21/12**		**2/27/26**		**3/6/26**	
EPMM (Vent) Status:			**Vent Open**		**Vent Open**		**Vent Open**		**Vent Open**		**Vent Open**		**Vent Open**		**Vent Open**		**Vent Open**		**Vent Open**	
Units:			**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**	**µg/m^3**	**ppbv**
Analyte	**Method**	**Residential Threshold Values (µg/m^3)**																		
Volatile Organic Compounds (VOCs)	TO-15																			
1,2-Dichloroethane		0.09	< 1.8	< 0.20	< 0.79	< 0.20	< 0.81	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbon Tetrachloride		0.54	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	18	2.6	1.4	0.20	5.7	0.84	15	2.2	14	2.0	12	1.8	15	2.2	5.77	0.851	4.68	0.690
Trichloroethylene (TCE)		0.4	<1.1	< 0.20	<1.1	< 0.20	<1.1	< 0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	0.333	0.062	0.236	0.044

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. No pre-EPMM indoor air samples were collected. The EPMM was installed based on sub-slab soil vapor testing results.
8. NT = Not tested
9. NS = No standard.
10. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October
11. Samples collected after August 2009 were collected over a 24-hour period ending on the date shown.
12. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Project Name: 50 TUFTS STREET
Project Number: 045163

Lab Number: L2610744
Report Date: 03/09/26

SAMPLE RESULTS

Lab ID: L2610744-01
Client ID: 045163-4MORT-1
Sample Location: SOMERVILLE, MA

Date Collected: 02/27/26 11:25
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/07/26 02:02
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.030	0.020	--	0.203	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	90		60-140

Project Name: 50 TUFTS STREET
Project Number: 045163

Lab Number: L2610744
Report Date: 03/09/26

SAMPLE RESULTS

Lab ID: L2610744-02
Client ID: 045163-4MORT-B
Sample Location: SOMERVILLE, MA

Date Collected: 02/27/26 11:32
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/07/26 02:41
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	0.062	0.020	--	0.333	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.851	0.020	--	5.77	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	84		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	81		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612593
Report Date: 03/18/26

SAMPLE RESULTS

Lab ID: L2612593-01
Client ID: 045163-4MORT-1
Sample Location: SOMERVILLE, MA

Date Collected: 03/06/26 09:05
Date Received: 03/10/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/14/26 23:29
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.034	0.020	--	0.231	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	93		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612593
Report Date: 03/18/26

SAMPLE RESULTS

Lab ID: L2612593-02
Client ID: 045163-4MORT-B
Sample Location: SOMERVILLE, MA

Date Collected: 03/06/26 09:10
Date Received: 03/10/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/15/26 00:01
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	0.044	0.020	--	0.236	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.690	0.020	--	4.68	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	92		60-140

January 26, 2026
Project 045163

Steven and Lauren Miller
11 Morton Street, Unit 1
Somerville, MA 02145

Re: Indoor Air and Soil Vapor Sampling Results
11 Morton Street, Unit 1
Somerville, Massachusetts

Dear Mr. and Mrs. Miller:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air and soil vapor samples on December 19, 2025, at your property located at 11 Morton Street in connection with the ongoing monitoring associated with the historical impacts at the 50 Tufts Street site and to evaluate the potential for vapor intrusion.

On December 19, 2025, one indoor air sample was collected each on the first floor, in the finished portion of the basement, and in the unfinished portion of the basement. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples (Table 1), and the laboratory data sheets for the recent sampling. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is also attached.

Trichloroethylene (TCE) was detected in the first floor and finished basement samples. Concentrations of TCE were detected at 2.18 micrograms per meter cubed ($\mu g/m^3$) on the first floor and 0.742 $\mu g/m^3$ in the finished portion of the basement. As explained in the Notification Retraction letter for 11 Morton Street dated September 24, 2025, the TCE detections are due to unrelated sources and are not associated with the 50 Tufts Street disposal site.

Tetrachloroethylene (PCE) was detected in the finished basement sample at a concentration of 0.536 $\mu g/m^3$. This concentration is comparable to historical results and is indicative of a condition of No Significant Risk (NSR). Furthermore, it is below applicable MassDEP residential and commercial indoor air threshold values. No other chlorinated volatile organic compounds (CVOCs), except TCE, were detected in the samples.

On December 19, 2025, after completion of indoor air sampling, two soil vapor samples were collected from the sub-slab monitoring points installed in July 2025 (SV1 and SV2). Attached is a summary table of the chemicals detected in the soil vapor samples (Table 2) and the laboratory data sheets for the recent sampling.

PCE was detected in both soil vapor samples, and TCE was detected in SV1. Concentrations of PCE were detected at 0.495 µg/m^3 and 6.34 µg/m^3 in SV1 and SV2, respectively. TCE was detected at a concentration of 0.253 µg/m^3 in SV1.

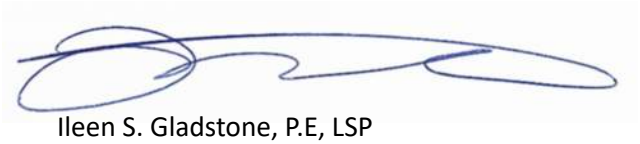
The detected soil vapor concentrations are below the applicable MassDEP residential sub-slab soil gas screening values.

MassDEP regulations provide that individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC.



Ileen S. Gladstone, P.E, LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

NMT/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Morton Street\11 Morton\2025 Sampling Letters\9. December 2025 Results\11 Morton St Results December 2025.docx

Attachments
cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Lauren and Steven Miller

2. Street Address: 11 Morton Street

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 11 Morton Street

City/Town: Somerville, MA Zip Code: 02145-4205

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling and sub-slab soil vapor sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1 - Chemical Testing Results - Post-EPMM Installation Indoor Air
11 Morton Street
Somerville, Massachusetts

		Sample Location:	11 Morton Street													
		Sample Name:	11 MORT-1		11 MORT-B		11MORT-1A		11MORT-1B		11MORT-B1		11MORT-B2		11MORT-1	
		Sample Date:	10/23/08		10/23/08		1/21/09		1/21/09		1/21/09		1/21/09		8/11/09	
		APU Status:	NA		NA		NA		NA		NA		NA		NA	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m3)**														
Volatile Organic Compounds (VOCs)	TO-15															
1,1,1-Trichloroethane (TCA)		3	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20
1,2-Dichloroethane		0.09	0.45 J	0.11 J	0.49 J	0.12 J	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	11	2.8
Carbon tetrachloride		0.54	0.63 J	0.10 J	0.69 J	0.11 J	0.88 J	0.14 J	0.82 J	0.13 J	1.6	0.25	1.5	0.24	< 1.3	< 0.20
Tetrachloroethylene (PCE)		1.4	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20
trans-1,2-Dichloroethene		0.8	<0.79	< 0.20	<0.79	< 0.20	<0.79	< 0.20	<0.79	< 0.20	<0.79	< 0.20	<0.79	< 0.20	<0.79	< 0.20
Trichloroethylene (TCE)		0.4	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. EPMM = Exposure Pathway Mitigation Measure.
6. NT= Not tested
7. MassDEP = Massachusetts Department of Environmental Protection
8. Residential Threshold Values for indoor air taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. Highlighted sample indicates most recent sampling rounds.
10. The samples from January 21, 2009 (11MORT-B1 and B2, and 11MORT-1A and 1B) were field duplicates of each other.
11. The laboratory notes for 11MORT-B from April 2025 indicate that the cansiter ran ambient.
12. Art supplies used by the homeowner were removed on July 31, 2025
13. APU installed on the first floor on July 29, 2025, and in the finished portion of the basement on August 6, 2025.
14. APUs shutdown on 8/21/2025 following completion of sampling.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 1 - Chemical Testing Results - Post-EPMM Installation Indoor Air
11 Morton Street
Somerville, Massachusetts

		Sample Location:	11 Morton Street (continued)													
		Sample Name:	11MORT-B		11MORT-1		11MORT-B		11MORT-1		11MORT-B		11MORT-1		11MORT-B	
		Sample Date:	8/11/09		2/23/10		2/23/10		2/17/16		2/17/16		5/26/21		5/26/21	
		APU Status:	NA		NA		NA		NA		NA		NA		NA	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m3)**														
Volatile Organic Compounds (VOCs)	TO-15															
1,1,1-Trichloroethane (TCA)		3	< 1.1	< 0.20	1.3	0.24	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	<0.109	<0.020	<0.109	<0.020
1,2-Dichloroethane		0.09	2.0	0.49	< 0.81	< 0.20	< 0.81	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT
Carbon tetrachloride		0.54	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	1.7	0.25	2.2	0.33	0.190	0.028	<0.136	<0.020
trans-1,2-Dichloroethene		0.8	<0.79	< 0.20	<0.79	< 0.20	<0.79	< 0.20	<0.79	< 0.20	<0.79	< 0.20	<0.079	<0.020	<0.079	<0.020
Trichloroethylene (TCE)		0.4	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.21	< 0.040	< 0.21	< 0.040	0.279	0.052	0.301	0.056

General Notes:

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9. Highlighted sample indicates most recent sampling rounds.
10. The samples from January 21, 2009 (11MORT-B1 and B2, and 11MORT-1A and 1B) were field duplicates of each other.
11. The laboratory notes for 11MORT-B from April 2025 indicate that the cansiter ran ambient
12. Art supplies used by the homeowner were removed on July 31, 2025
13. APU installed on the first floor on July 29, 2025, and in the finished portion of the basement on August 6, 2025.
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Qualifying Note:

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Table 1 - Chemical Testing Results - Post-EPMM Installation Indoor Air
11 Morton Street
Somerville, Massachusetts

Sample Location:			11 Morton Street (continued)													
Sample Name:			11MORT-1		11MORT-F1		11MORT-B		11MORT-F1		11MORT-B		11MORT-F1		11MORT-B-Fin	
Sample Date:			4/8/25		5/7/25		5/7/25		7/16/25		7/16/25		8/21/25		8/21/25	
APU Status:			NA		NA		NA		NA		NA		ON		ON	
Units:			µg/m3	ppbv	µg/m3	ppbv	µg/m3	ppbv	µg/m3	ppbv	µg/m3	ppbv	µg/m3	ppbv	µg/m3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m3)**														
Volatile Organic Compounds (VOCs)	TO-15															
1,1,1-Trichloroethane (TCA)		3	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020
1,2-Dichloroethane		0.09	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbon tetrachloride		0.54	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	<0.136	<0.020	0.203	0.030	0.217	0.032	0.149	0.022	0.149	0.022	<0.136	<0.020	<0.136	<0.020
trans-1,2-Dichloroethene		0.8	<0.079	<0.020	<0.079	<0.020	<0.079	<0.020	0.135	0.034	0.135	0.034	<0.079	<0.020	<0.079	<0.020
Trichloroethylene (TCE)		0.4	1.05	0.196	2.77	0.516	0.269	0.05	8.65	1.61	6.88	1.28	0.989	0.184	0.215	0.040

General Notes:

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3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. EPMM = Exposure Pathway Mitigation Measure.
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7. MassDEP = Massachusetts Department of Environmental Protection
8. Residential Threshold Values for indoor air taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. Highlighted sample indicates most recent sampling rounds.
10. The samples from January 21, 2009 (11MORT-B1 and B2, and 11MORT-1A and 1B) were field duplicates of each other.
11. The laboratory notes for 11MORT-B from April 2025 indicate that the cansiter ran ambient
12. Art supplies used by the homeowner were removed on July 31, 2025
13. APU installed on the first floor on July 29, 2025, and in the finished portion of the basement on August 6, 2025.
14. APUs shutdown on 8/21/2025 following completion of sampling.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 1 - Chemical Testing Results - Post-EPMM Installation Indoor Air
11 Morton Street
Somerville, Massachusetts

Sample Location:			11 Morton Street (continued)													
Sample Name:			11MORT-B-Unfin		11MORT-F1		11MORT-B-Fin		11MORT-B-Unfin		11MORT-F1		11MORT-B-Fin		11MORT-B-Unfin	
Sample Date:			8/21/25		8/29/25		8/29/25		8/29/25		12/19/25		12/19/25		12/19/25	
APU Status:			ON		OFF		OFF		OFF		OFF		OFF		OFF	
Units:			µg/m3	ppbv	µg/m3	ppbv	µg/m3	ppbv	µg/m3	ppbv	µg/m3	ppbv	µg/m3	ppbv	µg/m3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m3)**														
Volatile Organic Compounds (VOCs)	TO-15															
1,1,1-Trichloroethane (TCA)		3	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020
1,2-Dichloroethane		0.09	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbon tetrachloride		0.54	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	<0.136	<0.020	<0.136	<0.020	<0.136	<0.020	<0.136	<0.020	<0.136	<0.020	0.536	0.079	<0.136	<0.020
trans-1,2-Dichloroethene		0.8	<0.079	<0.020	<0.079	<0.020	0.083	0.021	<0.079	<0.020	<0.079	<0.020	<0.079	<0.020	<0.079	<0.020
Trichloroethylene (TCE)		0.4	0.124	0.023	6.56	1.22	4.11	0.765	1.21	0.225	2.18	0.406	0.742	0.138	<0.107	<0.020

General Notes:

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2. $\mu g/m^3$ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. EPMM = Exposure Pathway Mitigation Measure.
6. NT= Not tested
7. MassDEP = Massachusetts Department of Environmental Protection
8. Residential Threshold Values for indoor air taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. Highlighted sample indicates most recent sampling rounds.
10. The samples from January 21, 2009 (11MORT-B1 and B2, and 11MORT-1A and 1B) were field duplicates of each other.
11. The laboratory notes for 11MORT-B from April 2025 indicate that the cansiter ran ambient
12. Art supplies used by the homeowner were removed on July 31, 2025
13. APU installed on the first floor on July 29, 2025, and in the finished portion of the basement on August 6, 2025.
14. APUs shutdown on 8/21/2025 following completion of sampling.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 2 - Chemical Testing Results Sub-Slab Soil Vapor
11 Morton Street
Somerville, Massachusetts

Sample Location:			11 Morton Street											
EPMM Status			Pre-EPMM				Post-EPMM							
Sample Name:			11 MORT-SS1		11 MORT-SS2		11-MORT-SV1		11-MORT-SV2		11-MORT-SV1		11-MORT-SV2	
Sample Date:			3/21/2007		3/21/2007		7/16/2025		7/16/2025		8/21/2025		8/21/2025	
Units:			ug/m^3	ppbv	ug/m^3	ppbv	ug/m^3	ppbv	ug/m^3	ppbv	ug/m^3	ppbv	ug/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values (µg/m^3)**												
Volatile Organic Compounds (VOCs)	TO-15													
1,1,1-Trichloroethane (TCA)		210	8.2	1.5	<1.1	<0.20	0.267	0.049	0.136	0.025	0.366	0.067	0.256	0.047
1,1-Dichloroethane		56	0.85	0.21	<0.81	<0.20	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020
1,1-Dichloroethylene		56	1.2	0.31	<0.79	<0.20	<0.079	<0.020	<0.079	<0.020	<0.079	<0.020	<0.079	<0.020
Tetrachloroethylene (PCE)		98	403	59.5	1.6	0.23	1.57	0.232	21.0	3.10	1.27	0.188	20.0	2.95
Trichloroethylene (TCE)		28	9.7	1.8	<1.1	<0.20	0.500	0.093	1.55	0.289	0.124	0.023	0.736	0.137
Vinyl Chloride		19	<0.51	<0.20	<0.51	<0.20	0.151	0.059	0.138	0.054	<0.051	<0.020	<0.051	<0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. Highlighted sample indicates most recent sampling rounds.
8. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. New soil vapor points installed in July 2025.

Table 2 - Chemical Testing Results Sub-Slab Soil Vapor
11 Morton Street
Somerville, Massachusetts

Sample Location:			11 Morton Street (cont.)							
EPMM Status			Post-EPMM (cont.)							
Sample Name:			11-MORT-SV1		11-MORT-SV2		11-MORT-SV1		11-MORT-SV2	
Sample Date:			8/29/2025		8/29/2025		12/19/2025		12/19/2025	
Units:			ug/m^3	ppbv	ug/m^3	ppbv	ug/m3	ppbv	ug/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values (µg/m^3)**								
Volatile Organic Compounds (VOCs)	TO-15									
1,1,1-Trichloroethane (TCA)		210	0.267	0.049	0.267	0.049	<0.109	<0.020	<0.109	<0.020
1,1-Dichloroethane		56	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020	<0.081	<0.020
1,1-Dichloroethylene		56	<0.079	<0.020	<0.079	<0.020	<0.079	<0.020	<0.079	<0.020
Tetrachloroethylene (PCE)		98	1.49	0.219	20.8	3.06	0.495	0.073	6.34	0.935
Trichloroethylene (TCE)		28	0.204	0.038	1.29	0.24	<0.107	<0.020	0.253	0.047
Vinyl Chloride		19	<0.051	<0.020	<0.051	<0.020	<0.051	<0.020	<0.051	<0.020

General Notes:

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2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. Highlighted sample indicates most recent sampling rounds.
8. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. New soil vapor points installed in July 2025.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2582291
Report Date: 12/30/25

SAMPLE RESULTS

Lab ID: L2582291-01
Client ID: 045163-11MORT-B-UNFIN
Sample Location: SOMERVILLE, MA

Date Collected: 12/19/25 11:40
Date Received: 12/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 12/29/25 19:04
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	99		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2582291
Report Date: 12/30/25

SAMPLE RESULTS

Lab ID: L2582291-02
Client ID: 045163-11MORT-B-FIN
Sample Location: SOMERVILLE, MA

Date Collected: 12/19/25 11:45
Date Received: 12/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 12/29/25 19:37
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	0.138	0.020	--	0.742	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.079	0.020	--	0.536	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	99		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2582291
Report Date: 12/30/25

SAMPLE RESULTS

Lab ID: L2582291-03
Client ID: 045163-11MORT-F1
Sample Location: SOMERVILLE, MA

Date Collected: 12/19/25 11:50
Date Received: 12/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 12/29/25 20:09
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	0.406	0.020	--	2.18	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	99		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2582291
Report Date: 12/30/25

SAMPLE RESULTS

Lab ID: L2582291-04
Client ID: 045163-11MORT-SV1
Sample Location: SOMERVILLE, MA

Date Collected: 12/19/25 13:00
Date Received: 12/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 12/30/25 04:19
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.073	0.020	--	0.495	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	92		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	98		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2582291
Report Date: 12/30/25

SAMPLE RESULTS

Lab ID: L2582291-05
Client ID: 045163-11MORT-SV2
Sample Location: SOMERVILLE, MA

Date Collected: 12/19/25 13:05
Date Received: 12/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 12/30/25 04:51
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	0.047	0.020	--	0.253	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.935	0.020	--	6.34	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	104		60-140

January 29, 2026
Project No. 04516-3

Josh Himmelfarb
19 Tufts Street
Somerville, MA 02145

Re: Indoor Air Sampling
19 Tufts Street
Somerville, Massachusetts

Dear Mr. Himmelfarb:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air sampling at your property located at 19 Tufts Street in Somerville, Massachusetts. Following sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM:jam
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Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Josh Himmelfarb

2. Street Address: 19 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4225

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 19 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4225

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

March 5, 2026
Project No. 04516-3

VIA EMAIL

Josh Himmelfarb
19 Tufts Street
Somerville, MA 02145

Re: Indoor Air Sampling Results
19 Tufts Street
Somerville, Massachusetts

Dear Mr. Himmelfarb:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air samples on January 15, 2026, at your property at 19 Tufts Street to evaluate the potential for vapor intrusion. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On January 15, 2026, one indoor air sample was collected each in the basement and on the first floor. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples (Table 1), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected at a concentration of 1.11 micrograms per meter cubed ($\mu g/m^3$) on the first floor and 3.86 $\mu g/m^3$ in the basement. No other chlorinated VOCs were detected above the laboratory reporting limits.

The detected indoor air concentrations are comparable to historical results and, based on a risk characterization consistent with Massachusetts Contingency Plan (MCP), pose a Condition of No Significant Risk (NSR). Furthermore, the concentration of PCE detected on the first floor is below the applicable MassDEP residential indoor air threshold value.

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC

Ileen S. Gladstone, P.E, LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

Attachments

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM/COC/ISG:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\19 Tufts\2026 Sampling Letters\2. January 2026 Results\19 Tufts Street Results Jan 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Josh Himmelfarb

2. Street Address: 19 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4225

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 19 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4225

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1 - Chemical Testing Results - Indoor Air
19 Tufts Street
Somerville, Massachusetts

Sample Location:			Basement																	
Sample Name:			IA-13		19Tufts-B		19Tufts-C (duplicate)		19Tufts-B		19Tufts-C (duplicate)		19Tufts-B		19Tufts-C (duplicate)		19Tufts-B		19Tufts-C (duplicate)	
Sample Date:			3/24/05		3/23/06		3/23/06		6/29/06		6/29/06		10/10/06		10/10/06		12/15/06		12/15/06	
Sampled By:			Shaw		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI	
Units:			µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**																		
Volatile Organic Compounds (VOCs)	**TO-15**																			
Carbon Tetrachloride		0.54	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	0.69 J	0.11 J	0.69 J	0.11 J	< 1.3	< 0.20	< 1.3	< 0.20	0.59 J	0.093 J	< 1.3	< 0.20
Chloroform		1.9	< 0.98	< 0.20	< 0.98	< 0.20	< 0.98	< 0.20	0.83 J	0.17 J	0.88 J	0.18 J	NT	NT	NT	NT	NT	NT	NT	NT
Chloromethane		NS	0.85	0.41	1.8 L	0.88 L	1.8 L	0.85 L	3.1	1.5	< 0.41	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride		11	0.35 J	0.1 J	< 3.2 M	< 0.92 M	< 4.2 M	< 1.2 M	< 14 M	< 4 M	< 13 M	< 3.6 M	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	3.2	0.47	7.5	1.1	6.6	0.98	4.1	0.60	3.8	0.56	15	2.2	6.8	1.0	2.5	0.37	1.4	0.2
Trichloroethylene (TCE)		0.4	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	2.1	0.39	1.6	0.30	6.4	1.2	6.4	1.2	< 1.1	< 0.20	< 1.1	< 0.20

General Notes:
1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. NS= No standard established
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October
9. Shaw Environmental collected samples on behalf of MassDEP, samples collected 3/24/05.
10. Highlighted samples indicate most recent round.

Qualifying Notes:
J The reported result is below the laboratory reporting limit and is estimated.
L The reported result is estimated because the calculated relative percent difference (RPD) between a sample and the matrix duplicate was above the quality control limit specified in the Quality Assurance Project Plan (QAPP).
M The reporting limit is elevated due to a detection of the analyte in a method blank sample, trip blank sample, or both.

Table 1 - Chemical Testing Results - Indoor Air
19 Tufts Street
Somerville, Massachusetts

		Sample Location:	Basement		First floor											
		Sample Name:	19Tufts-B		IA-14		19Tufts-1		19Tufts-1		19Tufts-1		19Tufts-1		19Tufts-1		19Tufts-1	
		Sample Date:	1/15/26		3/24/05		3/23/06		6/29/06		6/29/06		10/10/06		12/15/06		1/15/26	
		Sampled By:	GEI		Shaw		GEI		GEI		GEI		GEI		GEI		GEI	
		Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m³)**																
Volatile Organic Compounds (VOCs)	**TO-15**																	
Carbon Tetrachloride		0.54	NT	NT	< 1.3	< 0.20	< 1.3	< 0.20	0.69 J	0.11 J	0.63 J	0.10 J	< 1.3	< 0.20	0.63 J	0.10 J	NT	NT
Chloroform		1.9	NT	NT	0.78 J	0.16 J	< 0.98	< 0.20	5.4	1.1	NT	NT	NT	NT	NT	NT	NT	NT
Chloromethane		NS	NT	NT	1.1	0.52	21.7 L	10.5 L	2.3	1.1	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride		11	NT	NT	0.34 J	0.099 J	< 4.2 M	< 1.2 M	< 14 M	< 4.1 M	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	3.86	0.569	0.95 J	0.14 J	1.2 J	0.18 J	2.4	0.35	0.6 J	0.089 J	< 1.4	< 0.20	0.60 J	0.089 J	1.11	0.164
Trichloroethylene (TCE)		0.4	< 0.107	< 0.020	< 1.1	< 0.20	< 1.1	< 0.20	1.7	0.31	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020

General Notes:
1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. NS= No standard established
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October
9. Shaw Environmental collected samples on behalf of MassDEP, samples collected 3/24/05.
10. Highlighted samples indicate most recent round.

Qualifying Notes:
J The reported result is below the laboratory reporting limit and is estimated.
L The reported result is estimated because the calculated relative percent difference (RPD) between a sample and the matrix duplicate was above the quality control limit specified in the Quality Assurance Project Plan (QAPP).
M The reporting limit is elevated due to a detection of the analyte in a method blank sample, trip blank sample, or both.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2603932
Report Date: 01/27/26

SAMPLE RESULTS

Lab ID: L2603932-01
Client ID: 045163-19TUFTS-1
Sample Location: SOMERVILLE, MA

Date Collected: 01/15/26 09:00
Date Received: 01/16/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/25/26 14:14
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.164	0.020	--	1.11	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	101		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	108		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2603932
Report Date: 01/27/26

SAMPLE RESULTS

Lab ID: L2603932-02
Client ID: 045163-19TUFTS-B
Sample Location: SOMERVILLE, MA

Date Collected: 01/15/26 09:05
Date Received: 01/16/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/25/26 14:47
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.569	0.020	--	3.86	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	102		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	110		60-140

March 9, 2026
Project No. 04516-3

Josh Himmelfarb
19 Tufts Street
Somerville, MA 02145

Re: Indoor Air Sampling
19 Tufts Street
Somerville, Massachusetts

Dear Mr. Himmelfarb:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air sampling at your property located at 19 Tufts Street in Somerville, Massachusetts. Prior to sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM:jam
B:\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\19 Tufts\2026 Sampling Letters\3. March 2026 NOS\19 Tufts Street NOS Ltr March 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Josh Himmelfarb

2. Street Address: 19 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4225

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling will be/~~has been~~ conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/~~has been~~ conducted:

1. Street Address: 19 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4225

2. MCP phase of work during which the sampling will be/~~has been~~ conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling will be/~~has been~~ conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

May 6, 2026
Project No. 04516-3

VIA EMAIL

Josh Himmelfarb
19 Tufts Street
Somerville, MA 02145

Re: Indoor Air Sampling Results
19 Tufts Street
Somerville, Massachusetts

Dear Mr. Himmelfarb:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air samples on March 10, 2026, at your property at 19 Tufts Street to evaluate the potential for vapor intrusion. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On March 10, 2026, one indoor air sample was collected each in the basement and on the first floor. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples (Table 1), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected at a concentration of 0.454 micrograms per meter cubed ($\mu g/m^3$) on the first floor and 1.86 $\mu g/m^3$ in the basement. No other chlorinated Volatile Organic Compounds (VOCs) were detected above the laboratory reporting limits.

The detected indoor air concentrations are comparable to historical results and, based on a risk characterization consistent with Massachusetts Contingency Plan (MCP), pose a Condition of No Significant Risk (NSR). Furthermore, the concentration of PCE detected on the first floor is below the applicable MassDEP residential indoor air threshold value. The threshold value is not applicable in the basement because it is unoccupied space.

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC

Ileen S. Gladstone, P.E, LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

Attachments

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

JWG/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\19 Tufts\2026 Sampling Letters\4. March 2026 Results\19 Tufts Street Results March 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Josh Himmelfarb

2. Street Address: 19 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4225

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 19 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4225

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 100 Quannapowitt Pkwy

City/Town: Wakefield, MA Zip Code: 01880

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1 - Chemical Testing Results - Indoor Air (19 Tufts Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

Sample Location:			Basement																			
Sample Name:			IA-13		19Tufts-B		19Tufts-C (duplicate)		19Tufts-B		19Tufts-C (duplicate)		19Tufts-B		19Tufts-C (duplicate)		19Tufts-B		19Tufts-C (duplicate)		19Tufts-B		19Tufts-B	
Sample Date:			3/24/05		3/23/06		3/23/06		6/29/06		6/29/06		10/10/06		10/10/06		12/15/06		12/15/06		1/15/26		3/10/26	
Sampled By:			Shaw		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI	
Units:			µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**																						
Volatile Organic Compounds (VOCs)	TO-15																							
Carbon Tetrachloride		0.54	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	0.69 J	0.11 J	0.69 J	0.11 J	< 1.3	< 0.20	< 1.3	< 0.20	0.59 J	0.093 J	< 1.3	< 0.20	NT	NT	NT	NT
Chloroform		1.9	< 0.98	< 0.20	< 0.98	< 0.20	< 0.98	< 0.20	0.83 J	0.17 J	0.88 J	0.18 J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chloromethane		NS	0.85	0.41	1.8 L	0.88 L	1.8 L	0.85 L	3.1	1.5	< 0.41	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride		11	0.35 J	0.1 J	< 3.2 M	< 0.92 M	< 4.2 M	< 1.2 M	< 14 M	< 4 M	< 13 M	< 3.6 M	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	3.2	0.47	7.5	1.1	6.6	0.98	4.1	0.60	3.8	0.56	15	2.2	6.8	1.0	2.5	0.37	1.4	0.2	3.86	0.569	1.86	0.274
Trichloroethylene (TCE)		0.4	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	2.1	0.39	1.6	0.30	6.4	1.2	6.4	1.2	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	< 0.107	<0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. NS= No standard established
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October
9. Shaw Environmental collected samples on behalf of MassDEP, samples collected 3/24/05.
10. Highlighted samples indicate most recent round.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.

L The reported result is estimated because the calculated relative percent difference (RPD) between a sample and the matrix duplicate was above the quality control limit specified in the Quality Assurance Project Plan (QAPP).

M The reporting limit is elevated due to a detection of the analyte in a method blank sample, trip blank sample, or both.

Table 1 - Chemical Testing Results - Indoor Air (19 Tufts Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

			Sample Location:	First floor													
			Sample Name:	IA-14		19Tufts-1		19Tufts-1		19Tufts-1		19Tufts-1		19Tufts-1		19Tufts-1	
			Sample Date:	3/24/05		3/23/06		6/29/06		10/10/06		12/15/06		1/15/26		3/10/26	
			Sampled By:	Shaw		GEI		GEI		GEI		GEI		GEI		GEI	
			Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**															
Volatile Organic Compounds (VOCs)	TO-15																
Carbon Tetrachloride		0.54		< 1.3	< 0.20	< 1.3	< 0.20	0.69 J	0.11 J	< 1.3	< 0.20	0.63 J	0.10 J	NT	NT	NT	NT
Chloroform		1.9		0.78 J	0.16 J	< 0.98	< 0.20	5.4	1.1	NT	NT	NT	NT	NT	NT	NT	NT
Chloromethane		NS		1.1	0.52	21.7 L	10.5 L	2.3	1.1	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride		11		0.34 J	0.099 J	< 4.2 M	< 1.2 M	< 14 M	< 4.1 M	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4		0.95 J	0.14 J	1.2 J	0.18 J	2.4	0.35	< 1.4	< 0.20	0.60 J	0.089 J	1.11	0.164	0.454	0.067
Trichloroethylene (TCE)		0.4		< 1.1	< 0.20	< 1.1	< 0.20	1.7	0.31	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	< 0.107	<0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. NS= No standard established
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October
9. Shaw Environmental collected samples on behalf of MassDEP, samples collected 3/24/05.
10. Highlighted samples indicate most recent round.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.

L The reported result is estimated because the calculated relative percent difference (RPD) between a sample and the matrix duplicate was above the quality control limit specified in the Quality Assurance Project Plan (QAPP).

M The reporting limit is elevated due to a detection of the analyte in a method blank sample, trip blank sample, or both.

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613019
Report Date: 03/24/26

SAMPLE RESULTS

Lab ID: L2613019-01
Client ID: 045163-19TUFTS-1
Sample Location: SOMERVILLE, MA

Date Collected: 03/10/26 09:35
Date Received: 03/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/21/26 00:46
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.067	0.020	--	0.454	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	98		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613019
Report Date: 03/24/26

SAMPLE RESULTS

Lab ID: L2613019-02
Client ID: 045163-19TUFTS-B
Sample Location: SOMERVILLE, MA

Date Collected: 03/10/26 09:40
Date Received: 03/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/21/26 01:51
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.274	0.020	--	1.86	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	97		60-140

January 29, 2026
Project No. 04516-3

Ketai Wang
25 Tufts Street
Somerville, MA 02145

Re: Indoor Air Sampling
25 Tufts Street
Somerville, Massachusetts

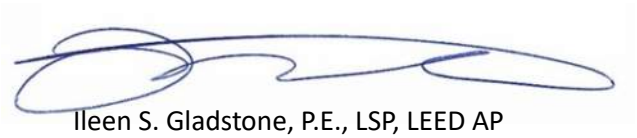
Dear Mr. Wang:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air sampling at your property located at 25 Tufts Street in Somerville, Massachusetts. Following sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.



Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\25 Tufts\2026 Sampling Letters\1. January 2026 NOS\25 Tufts Street NOS Ltr Jan 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Ketai Wang

2. Street Address: 25 Tufts Street

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 25 Tufts Street

City/Town: Somerville, MA Zip Code: 02145

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

March 5, 2026
Project No. 04516-3

VIA US MAIL

Mr. Ketai Wang
25 Tufts Street
Somerville, MA 02145

Re: Indoor Air Sampling Results
25 Tufts Street
Somerville, Massachusetts

Dear Mr. Wang:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air samples on January 20, 2026, at your property at 25 Tufts Street to evaluate the potential for vapor intrusion. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On January 20, 2026, one indoor air sample was collected each in the basement and on the first floor. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples (Table 1), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected at a concentration of 0.210 micrograms per meter cubed ($\mu g/m^3$) on the first floor and 0.142 $\mu g/m^3$ in the basement. No other chlorinated VOCs were detected above the laboratory reporting limits.

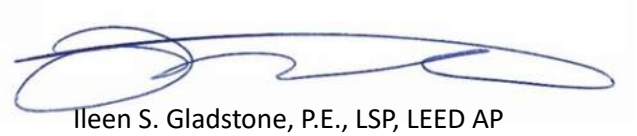
The detected indoor air concentrations are less than historical results and pose a Condition of No Significant Risk (NSR). Furthermore, they are below the applicable MassDEP residential indoor air threshold values.

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC.



Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Attachment

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

JP/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\25 Tufts\2026 Sampling Letters\2. January 2026 Results\25 Tufts Street Results Feb 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Ketai Wang

2. Street Address: 25 Tufts Street

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 25 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4135

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1 - Chemical Testing Results - Indoor Air (25 Tufts Street)
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	Basement											
		Sample Name:	IA-4		25TUFTS-B		25TUFTS-B		25TUFTS-B		25 TUFTS-B		25 TUFTS-B	
		Sample Date:	2/23/05		3/23/06		8/1/06		10/2/06		12/15/06		1/20/26	
		Sampled By:	Shaw		GEI		GEI		GEI		GEI		GEI	
		Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m³)**												
Volatile Organic Compounds (VOCs)	**TO-15**													
Carbon Tetrachloride		0.54	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	0.56 J	0.089 J	NT	NT
Chloroform		1.9	< 0.98	< 0.20	< 0.98	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT
Chloromethane		NS	0.74	0.36	1.1 L	0.52 L	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride		11	0.49 J	0.14 J	< 1.6 M	< 0.47 M	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	1.6	0.23	3.2	0.47	3.9	0.57	4.2	0.62	6.6	0.97	0.142	0.021

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. NS= No standard established
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. Shaw Environmental collected samples on behalf of MassDEP, samples collected 2/23/05.
10. Highlighted samples indicate most recent sampling

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.

L The reported result is estimated because the calculated relative percent difference (RPD) between a sample and the matrix duplicate was above the quality control limit specified in the Quality Assurance Project Plan (QAPP).

M The reporting limit is elevated due to a detection of the analyte in a method blank sample, trip blank sample, or both.

Table 1 - Chemical Testing Results - Indoor Air (25 Tufts Street)
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	First Floor											
		Sample Name:	IA-3		25TUFTS-1		25TUFTS-1		25TUFTS-1		25 TUFTS-1		25 TUFTS-1	
		Sample Date:	2/23/05		3/23/06		8/1/06		10/2/06		12/15/06		1/20/26	
		Sampled By:	Shaw		GEI		GEI		GEI		GEI		GEI	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**												
Volatile Organic Compounds (VOCs)	**TO-15**													
Carbon Tetrachloride		0.54	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	0.63 J	0.10 J	NT	NT
Chloroform		1.9	2.0	0.4	< 0.98	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT
Chloromethane		NS	0.95	0.46	1.1 L	0.54 L	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride		11	0.35 J	0.1 J	< 1.9 M	< 0.54 M	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	< 1.4	< 0.20	1.7	0.25	2	0.29	< 1.4	< 0.20	1.7	0.25	0.210	0.031

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. NS= No standard established
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
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M The reporting limit is elevated due to a detection of the analyte in a method blank sample, trip blank sample, or both.

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2603849
Report Date: 02/03/26

SAMPLE RESULTS

Lab ID: L2603849-01
Client ID: 045163-25TUFTS-B
Sample Location: SOMERVILLE, MA

Date Collected: 01/20/26 09:05
Date Received: 01/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/02/26 19:26
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.021	0.020	--	0.142	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	90		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2603849
Report Date: 02/03/26

SAMPLE RESULTS

Lab ID: L2603849-02
Client ID: 045163-25TUFTS-1
Sample Location: SOMERVILLE, MA

Date Collected: 01/20/26 09:10
Date Received: 01/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/02/26 19:59
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.031	0.020	--	0.210	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	90		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	92		60-140

March 5, 2026
Project No. 04516-3

Ketai Wang
25 Tufts Street
Somerville, MA 02145

Re: Indoor Air Sampling
25 Tufts Street
Somerville, Massachusetts

Dear Mr. Wang:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air sampling at your property located at 25 Tufts Street in Somerville, Massachusetts. Prior to sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM:jam
B:\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\25 Tufts\2026 Sampling Letters\3. March 2026 NOS\25 Tufts Street NOS Ltr March 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Ketai Wang

2. Street Address: 25 Tufts Street

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling will be/~~has been~~ conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/~~has been~~ conducted:

1. Street Address: 25 Tufts Street

City/Town: Somerville, MA Zip Code: 02145

2. MCP phase of work during which the sampling will be/~~has been~~ conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
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☐ Phase III Feasibility Evaluation
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☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling will be/~~has been~~ conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

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This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

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Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

May 6, 2026
Project No. 04516-3

VIA EMAIL

Mr. Ketai Wang
25 Tufts Street
Somerville, MA 02145

Re: Indoor Air Sampling Results
25 Tufts Street
Somerville, Massachusetts

Dear Mr. Wang:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air samples on March 6, 2026, at your property at 25 Tufts Street to evaluate the potential for vapor intrusion. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On March 6, 2026, one indoor air sample was collected each in the basement and on the first floor. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples (Table 1), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected at a concentration of 0.353 micrograms per meter cubed ($\mu g/m^3$) on the first floor and 0.448 $\mu g/m^3$ in the basement. Trichloroethylene (TCE) was also detected at a concentration of 0.113 $\mu g/m^3$ on the first floor. No other chlorinated Volatile Organic Compounds (VOCs) were detected above the laboratory reporting limits.

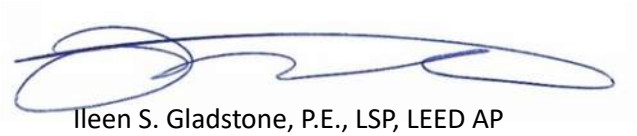
The detected indoor air concentrations, based on a risk characterization consistent with Massachusetts Contingency Plan (MCP), pose a Condition of No Significant Risk (NSR). Furthermore, the concentrations of PCE and TCE are below the applicable MassDEP residential indoor air threshold value.

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC.



Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Attachments

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

JWG/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\25 Tufts\2026 Sampling Letters\4. March 2026 Results\25 Tufts Street Results March 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Ketai Wang

2. Street Address: 25 Tufts Street

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 25 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4135

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 100 Quannapowitt Pkwy

City/Town: Wakefield, MA Zip Code: 01880

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1 - Chemical Testing Results - Indoor Air (25 Tufts Street)
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	Basement													
		Sample Name:	IA-4		25TUFTS-B		25TUFTS-B		25TUFTS-B		25 TUFTS-B		25 TUFTS-B		25 TUFTS-B	
		Sample Date:	2/23/05		3/23/06		8/1/06		10/2/06		12/15/06		1/20/26		3/6/26	
		Sampled By:	Shaw		GEI		GEI		GEI		GEI		GEI		GEI	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**														
Volatile Organic Compounds (VOCs)	**TO-15**															
Carbon Tetrachloride		0.54	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	0.56 J	0.089 J	NT	NT	NT	NT
Chloroform		1.9	< 0.98	< 0.20	< 0.98	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chloromethane		NS	0.74	0.36	1.1 L	0.52 L	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride		11	0.49 J	0.14 J	< 1.6 M	< 0.47 M	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	1.6	0.23	3.2	0.47	3.9	0.57	4.2	0.62	6.6	0.97	0.142	0.021	0.448	0.066
Trichloroethylene (TCE)		0.4	<1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	< 0.107	< 0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. NS= No standard established
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. Shaw Environmental collected samples on behalf of MassDEP, samples collected 2/23/05.
10. Highlighted samples indicate most recent sampling round.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.

L The reported result is estimated because the calculated relative percent difference (RPD) between a sample and the matrix duplicate was above the quality control limit specified in the Quality Assurance Project Plan (QAPP).

M The reporting limit is elevated due to a detection of the analyte in a method blank sample, trip blank sample, or both.

Table 1 - Chemical Testing Results - Indoor Air (25 Tufts Street)
50 Tufts Street
Somerville, Massachusetts

		Sample Location:	First Floor													
		Sample Name:	IA-3		25TUFTS-1		25TUFTS-1		25TUFTS-1		25 TUFTS-1		25 TUFTS-1		25 TUFTS-1	
		Sample Date:	2/23/05		3/23/06		8/1/06		10/2/06		12/15/06		1/20/26		3/6/26	
		Sampled By:	Shaw		GEI		GEI		GEI		GEI		GEI		GEI	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Threshold Values (µg/m^3)**														
Volatile Organic Compounds (VOCs)	**TO-15**															
Carbon Tetrachloride		0.54	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	0.63 J	0.10 J	NT	NT	NT	NT
Chloroform		1.9	2.0	0.40	< 0.98	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Chloromethane		NS	0.95	0.46	1.1 L	0.54 L	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Methylene Chloride		11	0.35 J	0.10 J	< 1.9 M	< 0.54 M	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	< 1.4	< 0.20	1.7	0.25	2	0.29	< 1.4	< 0.20	1.7	0.25	0.210	0.031	0.353	0.052
Trichloroethylene (TCE)		0.4	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	0.113	0.021

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT= Not tested
7. NS= No standard established
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. Shaw Environmental collected samples on behalf of MassDEP, samples collected 2/23/05.
10. Highlighted samples indicate most recent sampling round.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.

L The reported result is estimated because the calculated relative percent difference (RPD) between a sample and the matrix duplicate was above the quality control limit specified in the Quality Assurance Project Plan (QAPP).

M The reporting limit is elevated due to a detection of the analyte in a method blank sample, trip blank sample, or both.

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612594
Report Date: 03/18/26

SAMPLE RESULTS

Lab ID: L2612594-01
Client ID: 045163-25TUFTS-B
Sample Location: SOMERVILLE, MA

Date Collected: 03/06/26 09:35
Date Received: 03/10/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/15/26 01:06
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.066	0.020	--	0.448	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	92		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2612594
Report Date: 03/18/26

SAMPLE RESULTS

Lab ID: L2612594-02
Client ID: 045163-25TUFTS-1
Sample Location: SOMERVILLE, MA

Date Collected: 03/06/26 09:40
Date Received: 03/10/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/15/26 01:39
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	0.021	0.020	--	0.113	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.052	0.020	--	0.353	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	92		60-140

January 28, 2026
Project No. 04516-3

Ms. Eliza Datta
31 Tufts Street/Glen Pocket Park LLC
40 Homer Street
Newton, MA 02459

Re: Indoor Air and Soil Vapor Sampling
31 Tufts Street
Somerville, Massachusetts

Dear Ms. Eliza Datta:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air and soil vapor sampling at your property located at 31 Tufts Street in Somerville, Massachusetts. Prior to sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM
B:\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\31 Tufts Street\4. Feb 2026 Indoor Air Sampling\NOS\31 Tufts Street NOS Ltr Jan 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Eliza Datta - 31 Tufts St/Tufts Glen Pocket Park LLC
2. Street Address: 40 Homer Street

City/Town: Newton, MA Zip Code: 02459

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling will be/~~has been~~ conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/~~has been~~ conducted:

1. Street Address: 31 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4116

2. MCP phase of work during which the sampling will be/~~has been~~ conducted:

☐ Immediate Response Action	☐ Phase III Feasibility Evaluation
☐ Release Abatement Measure	☐ Phase IV Remedy Implementation Plan
☐ Utility-related Abatement Measure	☑ Phase V/Remedy Operation Status
☐ Phase I Initial Site Investigation	☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Phase II Comprehensive Site Assessment	☐ Other _____ (specify)

3. Description of property where sampling will be/~~has been~~ conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor Air and Sub-slab soil vapor sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

March 5, 2026
Project No. 04516-3

VIA EMAIL: edatta@e3devco.com

Eliza Datta
31 Tufts Street/Glen Pocket Park LLC
40 Homer Street
Newton, MA 02459

Re: Indoor Air and Soil Vapor Sampling Results
31 Tufts Street
Somerville, Massachusetts

Dear Ms. Datta:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air and soil vapor samples on February 5 and 6, 2026, at your property at 31 Tufts Street to evaluate the potential for vapor intrusion. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On January 23, 2026, to simulate conditions without operation of the passive exposure pathway mitigation measure (EPMM), GEI sealed off the EPMM vent pipe at least one week prior to sampling and the samples were collected with the venting system closed.

On February 5, 2026, four indoor air samples were collected on the first floor in Units 101, 102, 103 and the utility room. A sample was not collected in Unit 104 due to access constraints. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples along with the previous sampling results (Table 1), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected in samples IA-2 (Unit 101) at a concentration of 0.176 micrograms per meter cubed (µg/m^3), IA-5 (Unit 102) at a concentration of 0.203 µg/m^3, IA-4 (Unit 103) at a concentration of 0.136 µg/m^3, and IA-3 (utility room) at a concentration of 0.685 µg/m^3. No other chlorinated VOCs were detected above the laboratory reporting limits.

On February 6, 2026, two soil vapor samples were collected from beneath the building slab in the utility room (SV1) and in the northern stairwell (SV2). The samples were collected over 1 hour. Attached is a summary table of the chemicals detected in the soil vapor samples along with the previous sampling results (Table 2), and the laboratory data sheets for the recent sampling.

PCE was detected at concentrations of 80.0 µg/m^3 and 65.4 µg/m^3 at SV1 and SV2, respectively. 1,1,1-trichlorethane was detected at concentrations of 15.4 µg/m^3 and 3.18 µg/m^3 at SV1 and SV2, respectively. Trichloroethylene was detected at concentrations of 3.30 µg/m^3 and 3.43 µg/m^3 at SV1 and SV2, respectively.

After the soil vapor sampling was completed, GEI re-opened the passive venting system.

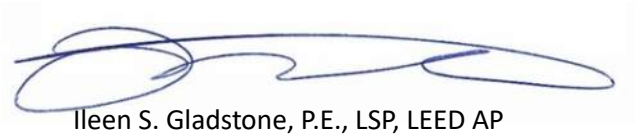
The detected indoor air concentrations are comparable to previous results and pose a Condition of No Significant Risk (NSR). Furthermore, the detected indoor air and soil vapor concentrations are below the applicable MassDEP residential indoor air threshold values and sub-slab soil gas screening values, respectively. Soil vapor concentrations that are below the soil vapor screening values generally indicate that the vapor intrusion pathway is unlikely to be of concern under current conditions.

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC.



Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Attachments

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

NMT/DJM/COC/ISG:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\31 Tufts Street\4. Feb 2026 Indoor Air Sampling\Results\31 Tufts Street Results Feb 2026.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Eliza Datta - 31 Tufts St/Tufts Glen Pocket Park LLC

2. Street Address: 40 Homer Street

City/Town: Newton, MA Zip Code: 02459

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 31 Tufts Street

City/Town: Somerville, MA Zip Code: 02145-4116

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor Air and Sub-slab soil vapor sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1. Chemical Testing Results - Indoor Air
31 Tufts Street
Somerville, Massachusetts

			Sample Location:	Unit 101					Unit 102			Unit 103		
			Sample Name:	31TUFT-IA2					31TUFT-IA5			31TUFT-IA4		
			Sample Date:	10/17/2023	1/31/2024	9/6/2024	2/19/2025	2/6/2026	9/6/2024	2/19/2025	2/6/2026	9/6/2024	2/19/2025	2/6/2026
			EPMM (Vent) Status:	Open	Open	Open	Closed	Closed	Open	Closed	Closed	Open	Closed	Closed
Analyte	**Method**	**Units**	**MassDEP Residential Threshold Values**											
Volatile Organic Compounds (VOCs)	TO-15	µg/m^3												
1,1-Dichloroethane			0.8	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081
trans-1,2-Dichloroethylene			0.8	<0.079	<0.079	0.139	<0.079	<0.079	0.167	<0.079	<0.079	0.119	<0.079	<0.079
Tetrachloroethylene (PCE)			1.4	0.203	<0.136	<0.136	0.359	0.176	0.142	<0.136	0.203	<0.136	<0.136	0.136

General Notes

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
4. MassDEP = Massachusetts Department of Environmental Protection
5. EPMM = Exposure Pathway Mitigation Measure.
6. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
7. Highlighted samples indicate most recent sampling round.
8. During the February 2025 and February 2026 sampling the vent pipe was closesd for one week prior to sampling.
9. During the February 2026 sampling Unit 104 was not sampled due to access constraints.

Table 1. Chemical Testing Results - Indoor Air
31 Tufts Street
Somerville, Massachusetts

			Sample Location:	Unit 104				Utility				
			Sample Name:	31TUFT-IA1				31TUFT-IA3				
			Sample Date:	10/17/2023	1/31/2024	9/6/2024	2/19/2025	10/17/2023	1/31/2024	9/6/2024	2/19/2025	2/6/2026
			EPMM (Vent) Status:	Open	Open	Open	Closed	Open	Open	Open	Closed	Closed
Analyte	**Method**	**Units**	**MassDEP Residential Threshold Values**									
Volatile Organic Compounds (VOCs)	TO-15	µg/m^3										
1,1-Dichloroethane			0.8	<0.081	<0.081	0.134	<0.081	<0.081	<0.081	<0.081	<0.081	<0.081
trans-1,2-Dichloroethylene			0.8	<0.079	0.103	0.139	0.341	<0.079	<0.079	0.147	<0.079	<0.079
Tetrachloroethylene (PCE)			1.4	<0.136	<0.136	0.604	<0.136	0.176	<0.136	0.210	0.231	0.685

General Notes

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
4. MassDEP = Massachusetts Department of Environmental Protection
5. EPMM = Exposure Pathway Mitigation Measure.
6. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
7. Highlighted samples indicate most recent sampling round.
8. During the February 2025 and February 2026 sampling the vent pipe was closesd for one week prior to sampling.
9. During the February 2026 sampling Unit 104 was not sampled due to access constraints.

Table 2. Chemical Testing Results - Sub Slab Soil Vapor
31 Tufts Street
Somerville, Massachusetts

			Sample Name:	31TUFT-SV1					31TUFT-SV2				
			Sample Date:	10/17/2023	1/31/2024	9/6/2024	2/19/2025	2/6/2026	10/27/2023	1/31/2024	9/6/2024	2/19/2025	2/6/2026
			Collected By:	GEI	GEI	GEI	GEI	GEI	GEI	GEI	GEI	GEI	GEI
			EPMM (Vent) Status:	Open	Open	Open	Closed	Closed	Open	Open	Open	Closed	Closed
	Method	Units	MassDEP Residential Sub-Slab Screening Values (µg/m3)										
Volatile Organic Compounds (VOCs)	TO-15 SIM	µg/m^3											
1,1-Dichloroethane			56	<0.162	<0.081	0.356	<0.081	<0.081	<0.081	<0.081	0.546	<0.081	<0.081
1,1-Dichloroethylene			56	<0.159	<0.079	0.174	<0.079	<0.079	<0.079	<0.079	<0.079	<0.079	<0.079
cis-1,2-Dichloroethylene			56	<0.159	<0.079	<0.079	<0.079	<0.079	<0.079	0.270	0.083	<0.079	<0.079
trans-1,2-Dichloroethylene			56	<0.159	<0.079	0.083	<0.079	<0.079	0.119	<0.079	<0.079	<0.079	<0.079
Tetrachloroethylene (PCE)			98	58.7	31.5	94.9	31.2	80.0	59.1	77.3	61.4	47.9	65.4
1,1,2,2-Tetrachloroethane			2.8	<0.275	<0.137	<0.137	<0.137	<0.137	1.4	<0.137	<0.137	<0.137	<0.137
1,1,1-Trichloroethane (TCA)			210	2.87	0.786	7.47	0.393	15.4	8.95	9.82	14.60	3.24	3.18
Trichloroethylene (TCE)			28	1.38	<0.107	2.09	0.478	3.30	2.41	2.42	4.58	1.55	3.43

General Notes

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
4. MassDEP = Massachusetts Department of Environmental Protection
5. EPMM = Exposure Pathway Mitigation Measure.
6. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
7. Highlighted samples indicate most recent sampling round.
8. During the February 2025 and February 2026 sampling the vent pipe was closesd for one week prior to sampling.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607028
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607028-01
Client ID: 045163-31TUFT-IA-3
Sample Location: SOMMERVILLE, MA

Date Collected: 02/06/26 10:16
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 18:09
Analyst: RAY

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.101	0.020	--	0.685	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	102		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607028
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607028-02
Client ID: 045163-31TUFT-IA-2
Sample Location: SOMMERVILLE, MA

Date Collected: 02/06/26 10:20
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 18:52
Analyst: RAY

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.026	0.020	--	0.176	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	104		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607028
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607028-03
Client ID: 045163-31TUFT-IA-4
Sample Location: SOMMERVILLE, MA

Date Collected: 02/06/26 10:29
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 19:35
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.020	0.020	--	0.136	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	98		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	103		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607028
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607028-04
Client ID: 045163-31TUFT-IA-5
Sample Location: SOMMERVILLE, MA

Date Collected: 02/06/26 10:25
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 20:15
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.030	0.020	--	0.203	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	99		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	103		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607028
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607028-05
Client ID: 045163-31TUFT-SV-1
Sample Location: SOMMERVILLE, MA

Date Collected: 02/06/26 11:46
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/12/26 01:45
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	2.82	0.020	--	15.4	0.109	--		1
Trichloroethene	0.614	0.020	--	3.30	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	11.8	0.020	--	80.0	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	109		60-140
bromochloromethane	115		60-140
chlorobenzene-d5	114		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607028
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607028-06
Client ID: 045163-31TUFT-SV-2
Sample Location: SOMMERVILLE, MA

Date Collected: 02/06/26 11:50
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/12/26 02:26
Analyst: RAY

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.583	0.020	--	3.18	0.109	--		1
Trichloroethene	0.639	0.020	--	3.43	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	9.64	0.020	--	65.4	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	107		60-140
bromochloromethane	108		60-140
chlorobenzene-d5	112		60-140

December 23, 2025
Project 04516-3

Daniel Bussison
CHARLESGATE
867 Boylston Street
Boston, MA 02116

Re: Indoor Air and Soil Vapor Sampling Results
60 Tufts Street
Somerville, Massachusetts

Dear Mr. Bussison:

On behalf of UniFirst Corporation, GEI Consultants, Inc. is providing the results of the indoor air and soil vapor sampling conducted at 60 Tufts Street on September 30 and October 1, 2025.

On August 28, 2025, to simulate conditions without operation of the active exposure pathway mitigation measure (AEPMM), the sub-slab depressurization system (SSDS) shutdown valve was closed for at least one week prior to collecting soil vapor samples.

On September 30, 2025, four indoor air samples were collected throughout the first-floor common spaces. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples along with the previous sampling results (Table 1), and the laboratory data sheets for the recent sampling.

Out of the four samples, 60TUFTS-GARG and 60TUFTS-HALL had detects for multiple chemicals. Tetrachloroethylene (PCE) was detected at concentrations ranging from 0.732 to 0.848 micrograms per meter cubed (µg /m^3). 1,1,1-Trichloroethane (TCA) was detected at concentrations ranging from 0.125 to 0.191 µg /m^3. Trichloroethylene (TCE) was detected at concentrations ranging from 0.113 to 0.150 µg/m^3. No other chlorinated volatile organic compounds (VOCs) were detected in the samples at concentrations above the laboratory reporting limits.

On October 1, 2025, four soil vapor samples were collected from beneath the building slab. Attached is a summary table of the chemicals detected in the sub-slab soil vapor samples along with the previous sampling results (Table 2), and the laboratory data sheets for the recent sampling.

Concentrations of TCA were detected above the laboratory reporting limit in all four samples ranging from 28 to 373 µg /m^3. Concentrations of PCE and TCE were detected in all four samples at concentrations ranging from 1.82 to 332 µg /m^3 and 0.967 to 70.4 µg /m^3, respectively. 1,1-dichloroethylene (DCE) was detected in three samples (SS1, SS2, SS10) at concentrations ranging from 0.448 to 63.4 µg/m^3. 1,1-dichloroethane was detected in all four samples at concentrations ranging from 0.113 to 0.619 µg/m^3.

1,2-cis-dichloroethylene was detected in one sample (SS10) at a concentration of 0.349 µg/m^3. No other chlorinated VOCs were detected in the samples at concentrations above the laboratory reporting limits.

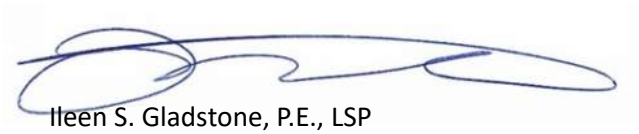
After the soil vapor sampling was completed, we opened the shutdown valve.

MassDEP regulations provide that individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide such additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781-721-4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC.



Ileen S. Gladstone, P.E., LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

Attachments
cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

NMT/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\60 Tufts\2025 Sampling Letters\2025 Sept Results (common space)\60 Tufts October 2025 Common Space SV Results Ltr.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Daniel Bussison, Charlesgate
2. Street Address: 867 Boylston Street

City/Town: Boston, MA Zip Code: 02116

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 60 Tufts Street

City/Town: Somerville, MA Zip Code: 02145

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action	☐ Phase III Feasibility Evaluation
☐ Release Abatement Measure	☐ Phase IV Remedy Implementation Plan
☐ Utility-related Abatement Measure	☑ Phase V/Remedy Operation Status
☐ Phase I Initial Site Investigation	☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Phase II Comprehensive Site Assessment	☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air and sub-slab soil vapor sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1
Chemical Testing Results - Post-EPMM Installation Indoor Air
60 Tufts Street, Common Spaces
Somerville, Massachusetts

				Sample Location:	60 Tufts Street, Common Spaces											
				Sample Name:	60TUFTHALL-A		60TUFTHALL-B		60TUFT-GARG		60TUFT-HALL		60TUFT-STOR1		60-TUFTSTOR2	
				Sample Date:	4/20/10		4/20/10		4/25/19		4/25/19		4/25/19		4/25/19	
				Collected By:	GEI		GEI		GEI		GEI		GEI		GEI	
				Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values**														
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**													
Tetrachloroethylene (PCE)		1.4	0.21		< 1.4	< 0.20	< 1.4	< 0.20	0.210	0.031	0.292	0.043	0.163	0.024	0.142	0.021
1,1,1-Trichloroethane (TCA)		3	0.54		< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.20	< 0.109	< 0.20	< 0.109	< 0.20	< 0.109	< 0.20
Trichloroethylene (TCE)		0.4	0.075		< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.20	< 0.107	< 0.20	< 0.107	< 0.20	< 0.107	< 0.20

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
6. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
7. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
8. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
9. Residential Threshold Values for indoor air taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
10. "HALL" samples collected in April 2019 and October 2025 were collected from the same location as "HALL-A" sample collected in 2010.
11. Highlighted samples indicate most recent round.

Table 1
Chemical Testing Results - Post-EPMM Installation Indoor Air
60 Tufts Street, Common Spaces
Somerville, Massachusetts

				Sample Location:	60 Tufts Street, Common Spaces							
				Sample Name:	60TUFT-GARG		60TUFT-HALL		60TUFT-STOR1		60-TUFTSTOR2	
				Sample Date:	10/1/25		10/1/25		10/1/25		10/1/25	
				Collected By:	GEI		GEI		GEI		GEI	
				Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values**										
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**									
Tetrachloroethylene (PCE)		1.4	0.21		0.732	0.108	0.848	0.125	< 0.136	< 0.020	< 0.136	< 0.020
1,1,1-Trichloroethane (TCA)		3	0.54		0.125	0.023	0.191	0.035	< 0.109	< 0.020	< 0.109	< 0.020
Trichloroethylene (TCE)		0.4	0.075		0.113	0.021	0.150	0.028	< 0.107	< 0.020	< 0.107	< 0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
6. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
7. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
8. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
9. Residential Threshold Values for indoor air taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
10. "HALL" samples collected in April 2019 and October 2025 were collected from the same location as "HALL-A" sample collected in 2010.
11. Highlighted samples indicate most recent round.

Table 2
Chemical Testing Results - Pre- and Post-EPMM Installation Soil Vapor Results
60 Tufts Street, Common Spaces
Somerville, Massachusetts

	Sample Location:	Sample Location:	60 Tufts Street General Garage Area											
	Sample Name:	Sample Name:	60TUFT-SS10		60TUFT-SS10		60TUFT-SS10		60TUFT-SS10		60TUFT-SS10		60TUFT-SS10	
	Sample Date:	Sample Date:	1/16/2008		1/17/2008		1/21/2008		7/11/2018		4/25/2019		10/1/2025	
	Units:	Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**												
Volatile Organic Compounds (VOCs)	TO-15	**µg/m³**	**ppbv**											
Carbon tetrachloride		38	6	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane		56	14	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	0.243	0.060	<0.809	<0.200	0.251	0.062
cis-1,2-Dichloroethylene		56	14	1.3	0.33	0.67 J	0.17 J	1.3	0.32	0.188	0.048	<0.793	<0.200	0.349	0.088
trans-1,2-Dichloroethylene		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	0.109	0.028	<0.793	<0.200	< 0.040	< 0.159
1,1-Dichloroethylene		56	14	3.7	0.93	1.4	0.35	2.7	0.68	1.13	0.284	<0.793	<0.200	0.809	0.204
Tetrachloroethylene (PCE)		98	14	895	132	504	74.3	692	102	376	55.5	45.6	6.73	332	49
1,1,1-Trichloroethane (TCA)		210	38	14	2.5	5.1	0.94	9.3	1.7	65.5	12.0	8.57	1.57	119	21.8
1,1,2-Trichloroethane		10	1.9	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.136	< 0.025	<1.09	<0.200	< 0.218	< 0.040
Trichloroethylene (TCE)		28	5.2	226 G	42.1 G	196	36.5	170	31.6	60.7	11.3	11.4	2.12	70.4	13.1

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
6. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
7. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
8. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
9. Highlighted sample indicates most recent round.
10. NT = Not tested.
11. "SVT-MW202S" samples were collected from monitoring well soil vapor ports as part of sub-slab soil vapor sampling.
12. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Table 2
Chemical Testing Results - Pre- and Post-EPMM Installation Soil Vapor Results
60 Tufts Street, Common Spaces
Somerville, Massachusetts

Sample Location:		Sample Location:		60 Tufts Street Hall									
Sample Name:		Sample Name:		60TUFT-SS13		60TUFT-SS13		60TUFT-SS13		60TUFT-SS14		60TUFT-SS14	
Sample Date:		Sample Date:		1/16/2008		1/17/2008		1/21/2008		1/16/2008		1/17/2008	
Units:		Units:		µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**											
Volatile Organic Compounds (VOCs)	TO-15	**µg/m³**	**ppbv**										
Carbon tetrachloride		38	6	0.75 J	0.12 J	< 1.3	< 0.20	1.1 J	0.18 J	< 1.3	< 0.20	< 1.3	< 0.20
1,1-Dichloroethane		56	14	2.2	0.54	1.3	0.32	2.6	0.64	1.2	0.3	0.89	0.22
cis-1,2-Dichloroethylene		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20
trans-1,2-Dichloroethylene		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20
1,1-Dichloroethylene		56	14	40.8	10.3	23	5.7	49.6	12.5	26	6.5	15	3.8
Tetrachloroethylene (PCE)		98	14	237	34.9	249	36.7	214	31.6	2370	349	1970	291
1,1,1-Trichloroethane (TCA)		210	38	3260 G	597 G	1010	186	3100	568	2440 G	448 G	1310	241
1,1,2-Trichloroethane		10	1.9	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20
Trichloroethylene (TCE)		28	5.2	5.9	1.1	4.6	0.86	8.1	1.5	160	29.8	152	28.3

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
6. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
7. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
8. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
9. Highlighted sample indicates most recent round.
10. NT = Not tested.
11. "SVT-MW202S" samples were collected from monitoring well soil vapor ports as part of sub-slab soil vapor sampling.
12. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Table 2
Chemical Testing Results - Pre- and Post-EPMM Installation Soil Vapor Results
60 Tufts Street, Common Spaces
Somerville, Massachusetts

Sample Location:		Sample Location:		60 Tufts Street Hall (continued)													
Sample Name:		Sample Name:		60TUFT-SS14		60TUFT-SS14		60TUFT-SS14		60TUFT-SS14		60TUFT-SS16		60TUFT-SS16		60TUFT-SS16	
Sample Date:		Sample Date:		1/21/2008		7/11/2018		4/25/2019		10/1/2025		1/16/2008		1/17/2008		1/21/2008	
Units:		Units:		µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**															
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**														
Carbon tetrachloride		38	6	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20
1,1-Dichloroethane		56	14	1.5	0.36	0.154	0.038	<0.809	<0.200	0.113	0.028	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20
cis-1,2-Dichloroethylene		56	14	< 0.79	< 0.20	< 0.079	< 0.020	<0.793	<0.200	< 0.079	< 0.020	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20
trans-1,2-Dichloroethylene		56	14	< 0.79	< 0.20	0.083	0.021	<0.793	<0.200	< 0.079	< 0.020	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20
1,1-Dichloroethylene		56	14	35	8.9	< 0.079	< 0.020	<0.793	<0.200	< 0.079	< 0.020	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20
Tetrachloroethylene (PCE)		98	14	2500	368	268	39.5	108	16	269	39.6	134	19.8	119	17.5	199	29.3
1,1,1-Trichloroethane (TCA)		210	38	2240	410	43.1	7.90	16.6	3.05	81.3	14.9	79.7	14.6	14	2.5	72.6	13.3
1,1,2-Trichloroethane		10	1.9	< 1.1	< 0.20	< 0.109	< 0.020	<1.09	<0.200	< 0.109	< 0.020	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20
Trichloroethylene (TCE)		28	5.2	127	23.7	29.6	5.50	16.9	3.15	28.4	5.28	8.6	1.6	7	1.3	12	2.2

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
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7. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
8. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
9. Highlighted sample indicates most recent round.
10. NT = Not tested.
11. "SVT-MW202S" samples were collected from monitoring well soil vapor ports as part of sub-slab soil vapor sampling.
12. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Table 2
Chemical Testing Results - Pre- and Post-EPMM Installation Soil Vapor Results
60 Tufts Street, Common Spaces
Somerville, Massachusetts

Sample Location:		Sample Location:		60 Tufts Street Storage S													
Sample Name:		Sample Name:		60TUFT-SS1		60TUFT-SS1		60TUFT-SS1		60TUFT-SS1		60TUFT-SS2		60TUFT-STORAGE5-SS2		60TUFT-STORAGES-SS2	
Sample Date:		Sample Date:		4/4/2007		7/11/2018		4/25/2019		10/1/2025		4/4/2007		1/16/2008		1/17/2008	
Units:		Units:		µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**															
Volatile Organic Compounds (VOCs)	TO-15	**µg/m³**	**ppbv**														
Carbon tetrachloride		38	6	5.7	0.9	NT	NT	NT	NT	NT	NT	< 13	< 2.0	< 1.3	< 0.20	< 1.3	< 0.20
1,1-Dichloroethane		56	14	23	5.6	0.287	0.071	<0.809	<0.200	0.619	0.153	< 8.1	< 2.0	2.8	0.7	< 0.81	< 0.20
cis-1,2-Dichloroethylene		56	14	1.1	0.29	< 0.079	< 0.020	<0.793	<0.200	< 0.079	< 0.020	< 7.9	< 2.0	< 0.79	< 0.20	< 0.79	< 0.20
trans-1,2-Dichloroethylene		56	14	< 0.79	< 0.20	< 0.079	< 0.020	<0.793	<0.200	< 0.079	< 0.020	< 7.9	< 2.0	< 0.79	< 0.20	< 0.79	< 0.20
1,1-Dichloroethylene		56	14	2580	650	15.3	3.87	41.6	10.5	63.4	16	391	98.5	293	73.9	11	2.9
Tetrachloroethylene (PCE)		98	14	104	15.4	6.20	0.915	5.93	0.87	16.10	2.38	17	2.5	16	2.3	3.5	0.52
1,1,1-Trichloroethane (TCA)		210	38	18300	3360	63.3	11.6	251	46	374	68.5	2970	544	2300	422	85.1	15.6
1,1,2-Trichloroethane		10	1.9	1.2	0.22	< 0.109	< 0.020	<1.09	<0.200	< 0.109	< 0.020	< 11	< 2.0	< 1.1	< 0.20	< 1.1	< 0.20
Trichloroethylene (TCE)		28	5.2	159	29.5	4.33	0.806	3.41	0.635	15.3	2.84	28	5.2	25	4.6	4.4	0.82

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
6. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
7. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
8. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
9. Highlighted sample indicates most recent round.
10. NT = Not tested.
11. "SVT-MW202S" samples were collected from monitoring well soil vapor ports as part of sub-slab soil vapor sampling.
12. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Table 2
Chemical Testing Results - Pre- and Post-EPMM Installation Soil Vapor Results
60 Tufts Street, Common Spaces
Somerville, Massachusetts

		Sample Location:		Sample Location:	60 Tufts Street Storage S (continued)									
		Sample Name:		Sample Name:	60TUFT-STORAGES-SS2		60TUFT-STORAGES-SS2		60TUFT-STORAGES-SS2		60TUFT-STORAGES-SS2		60TUFT-SS3	
		Sample Date:		Sample Date:	1/21/2008		7/11/2018		4/25/2019		10/1/2025		4/4/2007	
		Units:		Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m3	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**												
Volatile Organic Compounds (VOCs)	TO-15	**µg/m³**	**ppbv**											
Carbon tetrachloride		38	6		0.63 J	0.10 J	NT	NT	NT	NT	NT	NT	< 13	< 2.0
1,1-Dichloroethane		56	14		1.1	0.28	0.093	0.023	<0.809	<0.200	0.158	0.039	5.3 J	1.3 J
cis-1,2-Dichloroethylene		56	14		< 0.79	< 0.20	< 0.079	< 0.020	<0.793	<0.200	< 0.079	< 0.020	< 7.9	< 2.0
trans-1,2-Dichloroethylene		56	14		< 0.79	< 0.20	< 0.079	< 0.020	<0.793	<0.200	< 0.079	< 0.020	< 7.9	< 2.0
1,1-Dichloroethylene		56	14		77.7	19.6	1.74	0.439	<0.793	<0.200	0.448	0.113	983	248
Tetrachloroethylene (PCE)		98	14		11	1.6	1.91	0.282	<1.36	<0.200	1.82	0.269	41	6
1,1,1-Trichloroethane (TCA)		210	38		447	81.9	12.0	2.20	7.09	1.30	28.00	5.13	6060	1110
1,1,2-Trichloroethane		10	1.9		< 1.1	< 0.20	< 0.109	< 0.020	<1.09	<0.200	< 0.109	< 0.020	< 11	< 2.0
Trichloroethylene (TCE)		28	5.2		16	2.9	0.752	0.140	<1.07	<0.200	0.967	0.180	109	20.2

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
6. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
7. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
8. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
9. Highlighted sample indicates most recent round.
10. NT = Not tested.
11. "SVT-MW202S" samples were collected from monitoring well soil vapor ports as part of sub-slab soil vapor sampling.
12. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Table 2
Chemical Testing Results - Pre- and Post-EPMM Installation Soil Vapor Results
60 Tufts Street, Common Spaces
Somerville, Massachusetts

	Sample Location:	Sample Location:		60 Tufts Street MW202 Sub-Slab							
	Sample Name:	Sample Name:		SVT-MW202S		SVT-MW202S		SVT-MW202S		SVT-MW202S	
	Sample Date:	Sample Date:		7/17/2007		1/16/2008		1/17/2008		1/21/2008	
	Units:	Units:		µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**									
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**								
Carbon tetrachloride		38	6	< 25	< 4.0	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20
1,1-Dichloroethane		56	14	< 16	< 4.0	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20
cis-1,2-Dichloroethylene		56	14	< 16	< 4.0	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20
trans-1,2-Dichloroethylene		56	14	< 16	< 4.0	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20
1,1-Dichloroethylene		56	14	11 J	2.8 J	0.79	0.2	0.48 J	0.12 J	0.56 J	0.14 J
Tetrachloroethylene (PCE)		98	14	2550	376	252	37.1	366	54.0	403	59.4
1,1,1-Trichloroethane (TCA)		210	38	537	98.5	28	5.1	27	4.9	35	6.4
1,1,2-Trichloroethane		10	1.9	< 22	< 4.0	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20
Trichloroethylene (TCE)		28	5.2	253	47.0	11	2.0	11	2.0	15	2.7

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
6. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
7. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
8. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
9. Highlighted sample indicates most recent round.
10. NT = Not tested.
11. "SVT-MW202S" samples were collected from monitoring well soil vapor ports as part of sub-slab soil vapor sampling.
12. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-01
Client ID: 60TUFT-STOR2
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 06:53
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/08/25 22:30
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	104		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-02
Client ID: 60TUFT-HALL
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 06:43
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/08/25 23:15
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.035	0.020	--	0.191	0.109	--		1
Trichloroethene	0.028	0.020	--	0.150	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.125	0.020	--	0.848	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	102		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-03
Client ID: 60TUFT-GARG
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 06:40
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/08/25 23:57
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.023	0.020	--	0.125	0.109	--		1
Trichloroethene	0.021	0.020	--	0.113	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.108	0.020	--	0.732	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	104		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-05
Client ID: 60TUFT-STOR1
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 06:55
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/09/25 02:08
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	105		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-08 D
Client ID: 60TUFT-SS10
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 08:45
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/10/25 00:44
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.040	--	ND	0.102	--		2
1,1-Dichloroethene	0.204	0.040	--	0.809	0.159	--		2
trans-1,2-Dichloroethene	ND	0.040	--	ND	0.159	--		2
1,1-Dichloroethane	0.062	0.040	--	0.251	0.162	--		2
cis-1,2-Dichloroethene	0.088	0.040	--	0.349	0.159	--		2
1,1,1-Trichloroethane	21.8	0.040	--	119	0.218	--		2
Trichloroethene	13.1	0.040	--	70.4	0.215	--		2
1,1,2-Trichloroethane	ND	0.040	--	ND	0.218	--		2
Tetrachloroethene	49.0	0.040	--	332	0.271	--		2
1,1,2,2-Tetrachloroethane	ND	0.040	--	ND	0.275	--		2

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-10
Client ID: 60TUFT-STORAGES-SS2
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 08:41
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/10/25 02:03
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	0.113	0.020	--	0.448	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	0.039	0.020	--	0.158	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	5.13	0.020	--	28.0	0.109	--		1
Trichloroethene	0.180	0.020	--	0.967	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.269	0.020	--	1.82	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	84		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	87		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-11
Client ID: 60TUFT-SS1
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 08:40
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/10/25 02:44
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	16.0	0.020	--	63.4	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	0.153	0.020	--	0.619	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	68.3	0.020	--	373	0.109	--	E	1
Trichloroethene	2.84	0.020	--	15.3	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	2.38	0.020	--	16.1	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	90		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	95		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-11 D
Client ID: 60TUFT-SS1
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 08:40
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/10/25 06:36
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
1,1,1-Trichloroethane	68.5	0.050	--	374	0.273	--		2.5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	83		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	90		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-12
Client ID: 60TUFT-SS14
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 08:44
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/10/25 03:25
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	0.028	0.020	--	0.113	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	14.9	0.020	--	81.3	0.109	--		1
Trichloroethene	5.28	0.020	--	28.4	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	39.6	0.020	--	269	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	83		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	88		60-140

December 23, 2025
Project 04516-3

Mr. Reid Galas
60 Tufts Street – Unit 1
Somerville, MA 02145-4225

Re: Indoor Air and Soil Vapor Sampling Results
60 Tufts Street, Unit 1
Somerville, Massachusetts

Dear Mr. Galas:

On behalf of UniFirst Corporation, GEI Consultants, Inc. is providing the results of the indoor air and soil vapor sampling conducted at 60 Tufts Street on September 30 and October 1, 2025.

On August 28, 2025, to simulate conditions without operation of the active exposure pathway mitigation measure (AEPMM), the sub-slab depressurization system (SSDS) shutdown valve was closed for at least one week prior to collecting soil vapor samples.

On September 30, 2025, one indoor air sample was collected at your property. The sample was collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air sample along with the previous sampling results (Table 1), and the laboratory data sheet for the recent sampling.

Tetrachloroethylene (PCE) was detected at 0.787 micrograms per meter cubed (ug/m^3), 1,1,1-trichloroethane (TCA) was detected at 0.032 µg/m^3, and trichloroethylene (TCE) was detected at 0.020 µg/m^3. No other chlorinated volatile organic compounds (VOCs) were detected in the sample at concentrations above the laboratory reporting limits.

On October 1, 2025, one soil vapor sample was collected from beneath the building slab of your unit. Attached is a summary table of the chemicals detected in the soil vapor sample along with the previous sampling results (Table 2) and the laboratory data sheets for the recent sampling.

PCE was detected at 280 µg/m^3, TCA was detected at 337 µg/m^3, TCE was detected at 13.2 µg/m^3, 1,1-Dichlorethane was detected at 0.389 µg/m^3, 1,1-dichloroethylene was detected at 0.103 µg/m^3, and trans-1,2-Dichloroethylene was detected at 0.091 µg/m^3. No other chlorinated VOCs were detected in the sample at concentrations above the laboratory reporting limits.

After the soil vapor sampling was completed, we opened the shutdown valve. However, due to ongoing maintenance of the fan, it remains off.

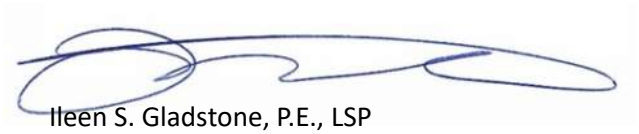
The detected indoor air and soil vapor concentrations are below the applicable MassDEP residential indoor air threshold values and sub-slab soil gas screening values. Soil vapor concentrations that are below the soil vapor screening values generally indicate that the vapor intrusion pathway is unlikely to be of concern under current conditions.

MassDEP regulations provide that individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide such additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781-721-4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC.



Ileen S. Gladstone, P.E., LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

Attachments
cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

NMT/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\60 Tufts\2025 Sampling Letters\2025 Sept Results (Unit 1)\60 Tufts #1 October IA Results Ltr.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Reid Galas

2. Street Address: 60 Tufts Street, Unit 1

City/Town: Somerville, MA Zip Code: 02145-4225

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 60 Tufts Street, Unit 1

City/Town: Somerville, MA Zip Code: 02145

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air and sub-slab soil vapor sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1
Chemical Testing Results - Post-EPMM Installation Indoor Air
60 Tufts Street, Unit #1
Somerville, Massachusetts

				Sample Location:	60 Tufts Street, Unit 1		60 Tufts Street, Unit 1		60 Tufts Street, Unit 1		60 Tufts Street, Unit 1		60 Tufts Street, Unit 1	
				Sample Name:	60TUFTS1-1		60TUFTS1-1		60TUFTS-1		60TUFTS-1		60TUFTS-1	
				Sample Date:	5/27/09		2/5/11		7/11/18		4/25/19		10/1/25	
				Collected By:	GEI		GEI		GEI		GEI		GEI	
				Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values (µg/m3)**												
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**											
Tetrachloroethylene (PCE)		1.4	0.21		< 1.4	< 0.20	< 1.4	< 0.20	0.787	0.116	0.712	0.105	0.787	0.116
1,1,1-Trichloroethane (TCA)		3	0.54		< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.20	< 0.109	< 0.20	0.032	0.175
Trichloroethylene (TCE)		0.4	0.075		< 1.1	< 0.20	<1.1	< 0.20	< 0.107	< 0.20	< 0.107	< 0.20	0.020	0.107

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
6. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
7. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
8. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
9. Residential Threshold Values for indoor air taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
10. Highlighted sample indicates most recent round.

Table 2
Chemical Testing Results - Pre- and Post-EPEM Installation Soil Vapor Results
60 Tufts Street, Unit #1
Somerville, Massachusetts

				Location Name:		60Tufts Street, Unit 1							
				Sample Name:	60TUFTS-SS13		60TUFTS-SS13		60TUFTS-SS13		60TUFTS-SS13		60TUFTS-SS13	
				Sample Date:	1/16/2008		1/17/2008		1/21/2008		4/25/2019		10/1/2025	
				Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**												
Volatile Organic Compounds (VOCs)	TO-15	**µg/m³**	**ppbv**											
Carbon Tetrachloride		38	6	0.75 J	0.12 J	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT
1,1-Dichloroethane		56	14	2.2	0.54	1.3	0.32	1.2	0.3	<0.809	<0.20	0.389	0.096
1,1-Dichloroethylene		56	14	40.8	10.3	23	5.7	26	6.5	< 0.793	< 0.20	0.103	0.026
trans-1,2-Dichloroethylene		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.793	< 0.20	0.091	0.023
Tetrachloroethylene (PCE)		98	14	237	34.9	249	36.7	2370	349	125	18.5	280	41.3
1,1,1-Trichloroethane (TCA)		210	38	3,260	597	1010	186	2440 G	448 G	124	22.7	338	61.9
Trichloroethylene (TCE)		28	5.2	5.9	1.1	4.6	0.86	160	29.8	7.95	1.48	13.2	2.45

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
6. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
7. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
8. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
9. Highlighted sample indicates most recent round.
10. NT = Not tested.
11. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-04
Client ID: 60TUFT-1
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 06:16
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/09/25 01:23
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.032	0.020	--	0.175	0.109	--		1
Trichloroethene	0.020	0.020	--	0.107	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.116	0.020	--	0.787	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	97		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	105		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-13
Client ID: 60TUFT-SS13
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 07:31
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/10/25 04:05
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	0.026	0.020	--	0.103	0.079	--		1
trans-1,2-Dichloroethene	0.023	0.020	--	0.091	0.079	--		1
1,1-Dichloroethane	0.096	0.020	--	0.389	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	61.7	0.020	--	337	0.109	--	E	1
Trichloroethene	2.45	0.020	--	13.2	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	41.3	0.020	--	280	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	92		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-13 D
Client ID: 60TUFT-SS13
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 07:31
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/10/25 07:12
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
1,1,1-Trichloroethane	61.9	0.050	--	338	0.273	--		2.5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	80		60-140
bromochloromethane	84		60-140
chlorobenzene-d5	84		60-140

December 23, 2025
Project 04516-3

RRN Holdings, LLC
2335 Ivylgail Drive East
Jacksonville, FL 32225

Re: Soil Vapor and Indoor Air Sampling Results
60 Tufts Street, Unit 4
Somerville, Massachusetts

To whom it may concern:

On behalf of UniFirst Corporation, GEI Consultants, Inc. is providing the results of the indoor air and soil vapor sampling conducted at 60 Tufts Street on September 30 and October 1, 2025.

On August 28, 2025, to simulate conditions without operation of the AEPMM, the sub-slab depressurization system (SSDS) shutdown valve was closed for at least one week prior to collecting the indoor air and soil vapor samples.

On September 30, 2025, one indoor air sample was collected in the basement and one sample was collected on the first floor. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples along with the previous sampling results (Table 1), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected in both samples at concentrations of 0.312 micrograms per meter cubed (µg/m^3) in the basement sample and 0.264 µg/m^3 on the first floor sample. Concentrations of 1,1,1-Trichloroethane (TCA) were detected in the first floor sample at 0.153 µg/m^3. No other chlorinated volatile organic compounds (VOCs) were detected in the samples at concentrations above the laboratory reporting limits.

On October 1, 2025, one soil vapor sample was collected from beneath the building slab of your unit. Attached is a summary table of the chemicals detected in the soil vapor sample along with the previous sampling results (Table 2) and the laboratory data sheets for the recent sampling.

PCE was detected at 4.98 µg /m^3 and 1,1,1-trichloroethane (TCA) was detected at 4.92 µg /m^3. Trichloroethylene (TCE) was detected at 0.167 µg /m^3. No other chlorinated VOCs were detected in the sample at concentrations above the laboratory reporting limits.

After the soil vapor sampling was completed, we opened the shutdown valve. However, due to ongoing maintenance of the fan, it remains off.

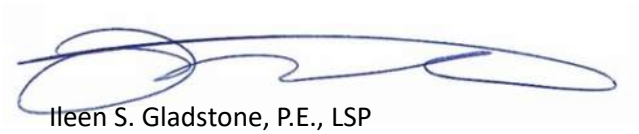
The detected indoor air and soil vapor concentrations are below the applicable MassDEP residential indoor air threshold values and sub-slab soil gas screening values. Soil vapor concentrations that are below the soil vapor screening values generally indicate that the vapor intrusion pathway is unlikely to be of concern under current conditions.

MassDEP regulations provide that individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide such additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781-721-4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC.



Ileen S. Gladstone, P.E., LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

Attachments
cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

NMT/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\60 Tufts\2025 Sampling Letters\2025 Sept Results (Unit 4)\60 Tufts #4 October 2025 SV IA Results Ltr.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: RRN Holdings, LLC

2. Street Address: 2335 Ivylgail Drive East

City/Town: Jacksonville, FL Zip Code: 32225

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 60 Tufts Street, Unit 4

City/Town: Somerville, MA Zip Code: 02145

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air and sub-slab soil vapor sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1
Chemical Testing Results - Post-EPMM Installation Indoor Air
60 Tufts Street, Unit #4
Somerville, Massachusetts

Sample Location:				60 Tufts Street, Unit 4															
Sample Name:				60TUFTU4-1		60TUFTU4-B		60TUFTU4-1		60TUFTU4-B		60TUFTU4-1		60TUFTU4-B		60TUFTU4-1		60TUFTU4-B		60TUFTU4-1	
Sample Date:				5/27/09		5/27/09		6/22/09		6/22/09		2/24/10		2/24/10		9/19/10		9/19/10		2/5/11	
Collected By:				GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI	
Units:				µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values (µg/m3)**																			
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**																		
1,2-Dichloroethane (DCA)		0.09	0.022	3.2	0.80	< 0.81	< 0.20	2.8	0.70	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	NT	NT
Tetrachloroethylene (PCE)		1.4	0.21	1.4	0.20	1.0 J	0.15 J	0.95 J	0.14 J	< 1.4	< 0.20	5.8	0.86	5.2	0.76	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20
1,1,1-Trichloroethane (TCA)				< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20
Trichloroethylene (TCE)		0.4	0.075	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	0.75 J	0.14 J	2.1	0.39	1.9	0.35	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT = Not tested.
7. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
8. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
9. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
10. Residential Threshold Values for indoor air taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
11. Highlighted sample indicates most recent round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 1
Chemical Testing Results - Post-EPMM Installation Indoor Air
60 Tufts Street, Unit #4
Somerville, Massachusetts

				Sample Location:	60 Tufts Street, Unit 4 (continued)													
				Sample Name:	60TUFTU4-B		60TUFTS4-1		60TUFTS4-B		60TUFTS4-1		60TUFTS4-B		60TUFTS4-1		60TUFTS4-B	
				Sample Date:	2/5/11		7/11/18		7/11/18		4/25/19		4/25/19		10/1/25		10/1/25	
				Collected By:	GEI		GEI		GEI		GEI		GEI		GEI		GEI	
				Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values (µg/m3)**																
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**															
1,2-Dichloroethane (DCA)		0.09	0.022		NT	NT	0.146	0.036	0.154	0.038	<0.079	<0.020	0.115	0.029	<0.079	<0.020	<0.079	<0.020
Tetrachloroethylene (PCE)		1.4	0.21		< 1.4	< 0.20	0.488	0.072	0.522	0.077	0.264	0.039	0.698	0.103	0.264	0.039	0.312	0.046
1,1,1-Trichloroethane (TCA)					< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	0.153	0.028	<0.109	<0.020
Trichloroethylene (TCE)		0.4	0.075		< 1.1	< 0.20	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020	<0.107	<0.020	<0.107	<0.020	<0.107	<0.020

General Notes:
1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
6. NT = Not tested.
7. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
8. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
9. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
10. Residential Threshold Values for indoor air taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
11. Highlighted sample indicates most recent round.

Qualifying Note:
J The reported result is below the laboratory reporting limit and is estimated.

Table 2
Chemical Testing Results - Pre- and Post-EPMM Installation Soil Vapor Results
60 Tufts Street, Unit #4
Somerville, Massachusetts

				Location Name:	60 Tufts Street, Unit 4									
				Sample Name:	60TUFT-4-SS1		60TUFT#4-SS1		60TUFT-UNIT4-SS1		60TUFT-UNIT4-SS1		60TUFT-UNIT4-SS1	
				Sample Date:	4/4/2007		11/9/2007		1/16/2008		1/17/2008		1/21/2008	
				Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values (µg/m3)**												
Volatile Organic Compounds (VOCs)	TO-15	**µg/m³**	**ppbv**											
Carbon tetrachloride		38	6		< 2.5	< 0.40	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20
1,1-Dichloroethane		56	14		< 1.6	< 0.40	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20
cis-1,2-Dichloroethylene		56	14		< 1.6	< 0.40	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20
1,1-Dichloroethylene		56	14		< 1.6	< 0.40	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20
Tetrachloroethylene (PCE)		98	14		136	20	213	31.4	89.5	13.2	94.3	13.9	117	17.2
1,1,1-Trichloroethane (TCA)		210	38		345	63.2	170	31.1	200	36.7	197	36.1	234	42.9
1,1,2-Trichloroethane		10	1.9		< 2.2	< 0.40	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20
Trichloroethylene (TCE)		28	5.2		< 2.1	< 0.40	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
6. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
7. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
8. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
9. Highlighted sample indicates most recent round.
10. NT = Not tested.
11. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.

Table 2
Chemical Testing Results - Pre- and Post-EPMM Installation Soil Vapor Results
60 Tufts Street, Unit #4
Somerville, Massachusetts

				Location Name:	60 Tufts Street, Unit 4 (continued)									
				Sample Name:	60TUFT-4-SS2		60TUFT#4-SS2		60TUFTS4-SS2		60TUFTS4-SS2		60TUFTS4-SS2	
				Sample Date:	4/4/2007		11/9/2007		7/13/2018		4/25/2019		10/1/2025	
				Units:	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values (µg/m3)**												
Volatile Organic Compounds (VOCs)	TO-15	**µg/m³**	**ppbv**											
Carbon tetrachloride		38	6		< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane		56	14		< 0.81	< 0.20	< 0.81	< 0.20	< 0.081	< 0.020	<0.793	<0.200	< 0.081	< 0.020
cis-1,2-Dichloroethylene		56	14		< 0.79	< 0.20	< 0.79	< 0.20	< 0.079	< 0.020	<0.793	<0.200	< 0.079	< 0.020
1,1-Dichloroethylene		56	14		< 0.79	< 0.20	< 0.79	< 0.20	< 0.079	< 0.020	< 0.793	< 0.200	< 0.079	< 0.020
Tetrachloroethylene (PCE)		98	14		29	4.3	63	9.3	2.15	0.317	2.95	0.435	4.98	0.734
1,1,1-Trichloroethane (TCA)		210	38		181	33.1	237	43.4	0.971	0.178	1.57	0.288	4.92	0.902
1,1,2-Trichloroethane		10	1.9		< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	<1.09	<0.200	< 0.109	< 0.020
Trichloroethylene (TCE)		28	5.2		< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	<1.07	<0.200	0.167	0.031

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. EPMM = Exposure Pathway Mitigation Measure.
5. MassDEP = Massachusetts Department of Environmental Protection
6. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
7. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
8. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, and October 2025.
9. Highlighted sample indicates most recent round.
10. NT = Not tested.
11. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-06
Client ID: 60TUFTS4-1
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 09:00
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/09/25 02:53
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.028	0.020	--	0.153	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.039	0.020	--	0.264	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	90		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	102		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-07
Client ID: 60TUFTS4-B
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 09:02
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/09/25 03:36
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.046	0.020	--	0.312	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	102		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2562554
Report Date: 10/15/25

SAMPLE RESULTS

Lab ID: L2562554-09
Client ID: 60TUFTS4-SS2
Sample Location: SOMERVILLE, MA

Date Collected: 10/01/25 10:12
Date Received: 10/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 10/10/25 01:25
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.902	0.020	--	4.92	0.109	--		1
Trichloroethene	0.031	0.020	--	0.167	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.734	0.020	--	4.98	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	79		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	81		60-140

February 25, 2026
Project 04516-3

Sanctuary Condominium Trust
CHARLESGATE
867 Boylston Street
Boston, MA 02116

Re: Indoor Air and Soil Vapor Sampling Results
60 Tufts Street
Somerville, Massachusetts

To Whom It May Concern:

On behalf of UniFirst Corporation, GEI Consultants, Inc. is providing the results of the indoor air and soil vapor sampling conducted at 60 Tufts Street on January 7 and 8, 2026. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On December 24, 2025, to simulate conditions without operation of the active exposure pathway mitigation measure (AEPMM), the sub-slab depressurization system (SSDS) shutdown valve was closed for at least one week prior to collecting soil vapor samples.

On January 7, 2026, four indoor air samples were collected throughout the first-floor common spaces. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples along with the previous sampling results (Table 1), and the laboratory data sheets for the recent sampling.

All four samples had detects for Tetrachloroethylene (PCE). PCE was detected at concentrations ranging from 0.136 to 0.692 micrograms per meter cubed (µg/m^3). No other chlorinated volatile organic compounds (VOCs) were detected in the samples at concentrations above the laboratory reporting limits.

On January 8, 2025, four soil vapor samples were collected from beneath the building slab. Attached is a summary table of the chemicals detected in the sub-slab soil vapor samples along with the previous sampling results (Table 2), and the laboratory data sheets for the recent sampling.

Concentrations of TCA were detected above the laboratory reporting limit in all four samples ranging from 9.38 to 1640 µg/m^3. Concentrations of PCE and TCE were detected in all four samples at concentrations ranging from 1.57 to 156 µg/m^3 and 1.47 to 91.9 µg/m^3, respectively. 1,1-dichloroethylene (DCE) was detected in three samples (SS1, SS2, SS10) at concentrations ranging from 0.226 to 236 µg/m^3. 1,1-dichloroethane was detected in two samples (SS1 and SS2) at concentrations of 2.1 µg/m^3 and 0.295, respectively. 1,2-cis-dichloroethylene was detected in one sample (SS10) at a concentration of 0.135 µg/m^3. No other chlorinated VOCs were detected in the samples at concentrations above the laboratory reporting limits.

After the soil vapor sampling was completed, we opened the SSDS shutdown valve and reactivated the fan.

Concentrations of PCE, TCE, and TCA were detected at concentrations above the MassDEP residential sub-slab soil gas screening values in at least one sample. However, the detected indoor air concentrations are comparable to historical results and are indicative of a condition of No Significant Risk (NSR). Furthermore, the detected indoor air concentrations are below the applicable MassDEP residential indoor air threshold values.

MassDEP regulations provide that individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide such additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781-721-4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

Attachments
cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

NMT/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\60 Tufts\2026 Sampling Letters\2026 Jan Results (common space)\60 Tufts January 2026 Common Space IA SV Results Ltr.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Director

2. Street Address: Sanctuary Condominium Trust, Charlesgate, 867 Boylston St.

City/Town: Boston, MA Zip Code: 02116

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 60 Tufts Street

City/Town: Somerville, MA Zip Code: 02145

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air and sub-slab soil vapor sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1
Chemical Testing Results - Post-EPMM Installation Indoor Air
60 Tufts Street, Common Spaces
Somerville, Massachusetts

				Sample Location:	60 Tufts Street, Storage Lockers Hallway										60 Tufts Street, General Garage Area						60 Tufts Street, Storage S									
				Sample Name:	60TUFTHALL-A		60TUFTHALL-B		60TUFT-HALL		60TUFT-HALL		60TUFT-HALL		60TUFT-GARG		60TUFT-GARG		60TUFT-GARG		60TUFT-STOR1		60TUFT-STOR1		60TUFT-STOR1		60-TUFTSTOR2		60-TUFTSTOR2		60-TUFTSTOR2	
				Sample Date:	4/20/10		4/20/10		4/25/19		10/1/25		1/8/26		4/25/19		10/1/25		1/8/26		4/25/19		10/1/25		1/8/26		4/25/19		10/1/25		1/8/26	
				Collected By:	GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI	
				EPMM (SSDS) Status:	On		On		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
				Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values**																														
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**																													
Tetrachloroethylene (PCE)		1.4	0.21	< 1.4	< 0.20	< 1.4	< 0.20	0.292	0.043	0.848	0.125	0.692	0.102	0.210	0.031	0.732	0.108	0.529	0.078	0.163	0.024	< 0.136	< 0.020	0.353	0.052	0.142	0.021	< 0.136	< 0.020	0.136	0.02
1,1,1-Trichloroethane (TCA)		3	0.54	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	0.191	0.035	< 0.109	< 0.020	0.125	0.023	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020
Trichloroethylene (TCE)		0.4	0.075	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	0.15	0.028	< 0.107	< 0.020	< 0.107	< 0.020	0.113	0.021	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
9. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
10. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
11. "HALL" samples collected in April 2019, October 2025, and January 2026 were collected from the same location as "HALL-A" sample collected in 2010.
12. Highlighted samples indicate most recent round.

Table 2
Chemical Testing Results - Pre- and Post-EPMM Installation Soil Vapor Results
60 Tufts Street, Common Spaces
Somerville, Massachusetts

Sample Location:				60 Tufts Street, General Garage Area												60 Tufts Street, Storage Locker Hallway											
Sample Name:				60TUFT-SS10		60TUFT-SS10		60TUFT-SS10		60TUFT-SS10		60TUFT-SS10		60TUFT-SS10		60TUFT-SS14		60TUFT-SS14		60TUFT-SS14		60TUFT-SS14		60TUFT-SS14		60TUFT-SS14	
Sample Date:				1/16/2008		1/17/2008		1/21/2008		7/11/2018		4/25/2019		10/1/2025		1/8/2026		1/16/2008		1/17/2008		1/21/2008		7/11/2018		4/25/2019		10/1/2025		1/8/2026	
EPMM (SSDS) Status:				NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
Units:				µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m3	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**																													
Volatile Organic Compounds (VOCs)	TO-15	**µg/m³**	**ppbv**																												
Carbon tetrachloride		38	6	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane		56	14	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	0.243	0.060	<0.809	<0.200	0.251	0.062	< 0.081	< 0.020	1.2	0.3	0.89	0.22	1.5	0.36	0.154	0.038	<0.809	<0.200	0.113	0.028	< 0.081	< 0.020
cis-1,2-Dichloroethylene		56	14	1.3	0.33	0.67 J	0.17 J	1.3	0.32	0.188	0.048	<0.793	<0.200	0.349	0.088	0.135	0.034	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.079	< 0.020	<0.793	<0.200	< 0.079	< 0.020	< 0.079	< 0.020
trans-1,2-Dichloroethylene		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	0.109	0.028	<0.793	<0.200	< 0.040	< 0.159	< 0.079	< 0.020	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	0.083	0.021	<0.793	<0.200	< 0.079	< 0.020	< 0.079	< 0.020
1,1-Dichloroethylene		56	14	3.7	0.93	1.4	0.35	2.7	0.68	1.13	0.284	<0.793	<0.200	0.809	0.204	0.226	0.057	26	6.5	15	3.8	35	8.9	< 0.079	< 0.020	<0.793	<0.200	< 0.079	< 0.020	< 0.079	< 0.020
Tetrachloroethylene (PCE)		98	14	895	132	504	74.3	692	102	376	55.5	45.6	6.73	332	49	156	23	2370	349	1970	291	2500	368	268	39.5	108	16	269	39.6	155	22.8
1,1,1-Trichloroethane (TCA)		210	38	14	2.5	5.1	0.94	9.3	1.7	65.5	12.0	8.57	1.57	119	21.8	9.38	1.7	2440 G	448 G	1310	241	2240	410	43.1	7.90	16.6	3.05	81.3	14.9	83.5	15.3
1,1,2-Trichloroethane		10	1.9	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.136	< 0.025	<1.09	<0.200	< 0.218	< 0.040	< 0.109	< 0.020	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	<1.09	<0.200	< 0.109	< 0.020	< 0.109	< 0.020
Trichloroethylene (TCE)		28	5.2	226 G	42.1 G	196	36.5	170	31.6	60.7	11.3	11.4	2.12	70.4	13.1	45.7	8.5	160	29.8	152	28.3	127	23.7	29.6	5.50	16.9	3.15	28.4	5.28	21.2	3.94

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. NT = Not tested.
10. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
11. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
12. "SVT-MW202S" samples were collected from monitoring well soil vapor ports as part of sub-slab soil vapor sampling.
13. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
14. Highlighted sample indicates most recent round.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Table 2
Chemical Testing Results - Pre- and Post-EPMM Installation Soil Vapor Results
60 Tufts Street, Common Spaces
Somerville, Massachusetts

Sample Location:				60 Tufts Street, Storage Locker Hallway (cont.)						60 Tufts Street, Storage S																	
Sample Name:				60TUFT-SS16		60TUFT-SS16		60TUFT-SS16		60TUFT-SS1		60TUFT-SS1		60TUFT-SS1		60TUFT-SS1		60TUFT-SS1		60TUFT-SS2		60TUFT-STORAGE5-SS2		60TUFT-STORAGES-SS2		60TUFT-STORAGES-SS2		60TUFT-STORAGES-SS2		60TUFT-STORAGES-SS2	
Sample Date:				1/16/2008		1/17/2008		1/21/2008		4/4/2007		7/11/2018		4/25/2019		10/1/2025		1/8/2026		4/4/2007		1/16/2008		1/17/2008		1/21/2008		7/11/2018		4/25/2019	
EPMM (SSDS) Status:				NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		Off, Vents Closed		Off, Vents Closed	
Units:				µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m3	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv	µg/m³	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**																													
Volatile Organic Compounds (VOCs)	TO-15	**µg/m³**	**ppbv**																												
Carbon tetrachloride		38	6	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	5.7	0.9	NT	NT	NT	NT	NT	NT	NT	NT	< 13	< 2.0	< 1.3	< 0.20	< 1.3	< 0.20	0.63 J	0.10 J	NT	NT	NT	NT
1,1-Dichloroethane		56	14	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	23	5.6	0.287	0.071	<0.809	<0.200	0.619	0.153	2.1	0.52	< 8.1	< 2.0	2.8	0.7	< 0.81	< 0.20	1.1	0.28	0.093	0.023	<0.809	<0.200
cis-1,2-Dichloroethylene		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	1.1	0.29	< 0.079	< 0.020	<0.793	<0.200	< 0.079	< 0.020	< 0.264	< 0.067	< 7.9	< 2.0	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.079	< 0.020	<0.793	<0.200
trans-1,2-Dichloroethylene		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.079	< 0.020	<0.793	<0.200	< 0.079	< 0.020	< 0.264	< 0.067	< 7.9	< 2.0	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.079	< 0.020	<0.793	<0.200
1,1-Dichloroethylene		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	2580	650	15.3	3.87	41.6	10.5	63.4	16	236	59.4	391	98.5	293	73.9	11	2.9	77.7	19.6	1.74	0.439	<0.793	<0.200
Tetrachloroethylene (PCE)		98	14	134	19.8	119	17.5	199	29.3	104	15.4	6.20	0.915	5.93	0.87	16.10	2.38	102	15	17	2.5	16	2.3	3.5	0.52	11	1.6	1.91	0.282	<1.36	<0.200
1,1,1-Trichloroethane (TCA)		210	38	79.7	14.6	14	2.5	72.6	13.3	18300	3360	63.3	11.6	251	46	374	68.5	1640	300	2970	544	2300	422	85.1	15.6	447	81.9	12.0	2.20	7.09	1.30
1,1,2-Trichloroethane		10	1.9	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	1.2	0.22	< 0.109	< 0.020	<1.09	<0.200	< 0.109	< 0.020	< 0.364	< 0.067	< 11	< 2.0	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	<1.09	<0.200
Trichloroethylene (TCE)		28	5.2	8.6	1.6	7	1.3	12	2.2	159	29.5	4.33	0.806	3.41	0.635	15.3	2.84	91.9	17.1	28	5.2	25	4.6	4.4	0.82	16	2.9	0.752	0.140	<1.07	<0.200

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m³ = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. NT = Not tested.
10. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
11. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
12. "SVT-MW202S" samples were collected from monitoring well soil vapor ports as part of sub-slab soil vapor sampling.
13. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
14. Highlighted sample indicates most recent round.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Table 2
Chemical Testing Results - Pre- and Post-EPMM Installation Soil Vapor Results
60 Tufts Street, Common Spaces
Somerville, Massachusetts

Sample Location:				60 Tufts Street, Storage S (cont.)						60 Tufts Street, MW202 Sub-Slab							
Sample Name:				60TUFT-STORAGES-SS2		60TUFT-STORAGES-SS2		60TUFT-SS3		SVT-MW202S		SVT-MW202S		SVT-MW202S		SVT-MW202S	
Sample Date:				10/1/2025		1/8/2026		4/4/2007		7/17/2007		1/16/2008		1/17/2008		1/21/2008	
EPMM (SSDS) Status:				Off, Vents Closed		Off, Vents Closed		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)	
Units:				µg/m3	ppbv	µg/m3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**															
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**														
Carbon tetrachloride		38	6	NT	NT	NT	NT	< 13	< 2.0	< 25	< 4.0	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20
1,1-Dichloroethane		56	14	0.158	0.039	0.295	0.073	5.3 J	1.3 J	< 16	< 4.0	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20
cis-1,2-Dichloroethylene		56	14	< 0.079	< 0.020	< 0.079	< 0.020	< 7.9	< 2.0	< 16	< 4.0	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20
trans-1,2-Dichloroethylene		56	14	< 0.079	< 0.020	< 0.079	< 0.020	< 7.9	< 2.0	< 16	< 4.0	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20
1,1-Dichloroethylene		56	14	0.448	0.113	11	2.78	983	248	11 J	2.8 J	0.79	0.2	0.48 J	0.12 J	0.56 J	0.14 J
Tetrachloroethylene (PCE)		98	14	1.82	0.269	1.57	0.232	41	6	2550	376	252	37.1	366	54.0	403	59.4
1,1,1-Trichloroethane (TCA)		210	38	28.00	5.13	94.4	17.3	6060	1110	537	98.5	28	5.1	27	4.9	35	6.4
1,1,2-Trichloroethane		10	1.9	< 0.109	< 0.020	< 0.109	< 0.020	< 11	< 2.0	< 22	< 4.0	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20
Trichloroethylene (TCE)		28	5.2	0.967	0.18	1.47	0.274	109	20.2	253	47.0	11	2.0	11	2.0	15	2.7

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. NT = Not tested.
10. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
11. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
12. "SVT-MW202S" samples were collected from monitoring well soil vapor ports as part of sub-slab soil vapor sampling.
13. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
14. Highlighted sample indicates most recent round.

Qualifying Notes:

G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-02
Client ID: 045163-60TUFT-GARG
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 06:30
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 18:15
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.078	0.020	--	0.529	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-03
Client ID: 045163-60TUFT-HALL
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 06:45
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 18:50
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.102	0.020	--	0.692	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	98		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-04
Client ID: 045163-60TUFT-STOR2
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 06:53
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 19:23
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.020	0.020	--	0.136	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-05
Client ID: 045163-60TUFT-STOR1
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 06:58
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 19:55
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.052	0.020	--	0.353	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-09
Client ID: 045163-60TUFT-SS10
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 08:15
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 22:38
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	0.057	0.020	--	0.226	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	0.034	0.020	--	0.135	0.079	--		1
1,1,1-Trichloroethane	1.72	0.020	--	9.38	0.109	--		1
Trichloroethene	8.50	0.020	--	45.7	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	23.0	0.020	--	156	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	101		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-10
Client ID: 045163-60TUFT-SS14
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 08:50
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 23:10
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	15.3	0.020	--	83.5	0.109	--		1
Trichloroethene	3.94	0.020	--	21.2	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	22.8	0.020	--	155	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	102		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-12 D
Client ID: 045163-60TUFTS-SS1
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 10:25
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/19/26 00:13
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.067	--	ND	0.171	--		3.333
1,1-Dichloroethene	59.4	0.067	--	236	0.264	--		3.333
trans-1,2-Dichloroethene	ND	0.067	--	ND	0.264	--		3.333
1,1-Dichloroethane	0.520	0.067	--	2.10	0.270	--		3.333
cis-1,2-Dichloroethene	ND	0.067	--	ND	0.264	--		3.333
1,1,1-Trichloroethane	237	0.067	--	1290	0.364	--	E	3.333
Trichloroethene	17.1	0.067	--	91.9	0.358	--		3.333
1,1,2-Trichloroethane	ND	0.067	--	ND	0.364	--		3.333
Tetrachloroethene	15.0	0.067	--	102	0.452	--		3.333
1,1,2,2-Tetrachloroethane	ND	0.067	--	ND	0.458	--		3.333

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	98		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-12 D2
Client ID: 045163-60TUFTS-SS1
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 10:25
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/19/26 07:41
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
1,1,1-Trichloroethane	300	0.200	--	1640	1.09	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-13
Client ID: 045163-60TUFT-STORAGES-SS2
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 10:30
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/19/26 00:45
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	2.78	0.020	--	11.0	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	0.073	0.020	--	0.295	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	17.3	0.020	--	94.4	0.109	--		1
Trichloroethene	0.274	0.020	--	1.47	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.232	0.020	--	1.57	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	100		60-140

February 25, 2026
Project 04516-3

Mr. Reid Galas
60 Tufts Street – Unit 1
Somerville, MA 02145-4225

Re: Indoor Air and Soil Vapor Sampling Results
60 Tufts Street, Unit 1
Somerville, Massachusetts

Dear Mr. Galas:

On behalf of UniFirst Corporation, GEI Consultants, Inc. is providing the results of the indoor air and soil vapor sampling conducted at 60 Tufts Street (Unit 1) on January 7 and 8, 2026. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On December 24, 2025, to simulate conditions without operation of the active exposure pathway mitigation measure (AEPMM), the sub-slab depressurization system (SSDS) shutdown valve was closed for at least one week prior to collecting soil vapor samples.

On January 7, 2026, one indoor air sample was collected at your property. The sample was collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air sample along with the previous sampling results (Table 1), and the laboratory data sheet for the recent sampling.

Tetrachloroethylene (PCE) was detected at 1.32 micrograms per meter cubed (µg/m^3), 1,1,1-trichloroethane (TCA) was detected at 0.186 µg/m^3, and trichloroethylene (TCE) was detected at 0.167 µg/m^3. No other chlorinated volatile organic compounds (VOCs) were detected in the sample at concentrations above the laboratory reporting limits.

On January 8, 2026, one soil vapor sample was collected from beneath the building slab of your unit. Attached is a summary table of the chemicals detected in the soil vapor sample along with the previous sampling results (Table 2) and the laboratory data sheets for the recent sampling.

PCE was detected at 153 µg/m^3, TCA was detected at 211 µg/m^3, TCE was detected at 9.78 µg/m^3, 1,1-Dichlorethane was detected at 0.202 µg/m^3, and trans-1,2-Dichloroethylene was detected at 0.091 µg/m^3. No other chlorinated VOCs were detected in the sample at concentrations above the laboratory reporting limits.

After the soil vapor sampling was completed, we opened the SSDS shutdown valve and reactivated the fan.

In the October 2025 results letter it was incorrectly stated that soil vapor concentrations were below the MassDEP residential sub-slab soil gas screening values. Concentrations of TCA and PCE were detected at concentrations above the MassDEP residential sub-slab soil gas screening values in October 2025, as they are again in the January 2026 sampling. However, the detected indoor air concentrations are comparable to historical results and are indicative of a condition of No Significant Risk (NSR). Furthermore, the detected indoor air concentrations are below the applicable MassDEP residential indoor air threshold values.

MassDEP regulations provide that individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide such additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781-721-4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

Attachments
cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

NMT/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\60 Tufts\2026 Sampling Letters\2026 Jan Results (Unit 1)\60 Tufts #1 January 2026 IA SV Results Ltr.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Reid Galas

2. Street Address: 60 Tufts Street, Unit 1

City/Town: Somerville, MA Zip Code: 02145-4225

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 60 Tufts Street, Unit 1

City/Town: Somerville, MA Zip Code: 02145

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air and sub-slab soil vapor sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1
Chemical Testing Results - Post-EPMM Installation Indoor Air
60 Tufts Street, Unit #1
Somerville, Massachusetts

				Sample Location:		60 Tufts Street, Unit 1													
				Sample Name:		60TUFTS1-1		60TUFTU1-1		60TUFTU1-1		60TUFTS1-1		60TUFTS-1		60TUFTS-1		60TUFTS-1		60TUFTS-1	
				Sample Date:		5/27/09		3/3/10		9/19/10		2/5/11		7/11/18		4/25/19		10/1/25		1/8/26	
				Collected By:		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI	
				EPMM (SSDS) Status:		On		On		On		On		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
				Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values**																			
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**																		
Tetrachloroethylene (PCE)		1.4	0.21	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	< 1.4	< 0.20	0.787	0.116	0.712	0.105	0.787	0.116	1.32	0.195		
1,1,1-Trichloroethane (TCA)		3	0.54	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	< 0.109	< 0.020	0.032	0.175	0.186	0.034		
Trichloroethylene (TCE)		0.4	0.075	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	< 0.107	< 0.020	0.107	0.020	0.167	0.031		

General Notes:
1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
9. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
10. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
11. Highlighted sample indicates most recent round.

Table 2
Chemical Testing Results - Pre- and Post-EPEM Installation Soil Vapor Results
60 Tufts Street, Unit #1
Somerville, Massachusetts

				Location Name:	60Tufts Street, Unit 1											
				Sample Name:	60TUFTS-SS13		60TUFTS-SS13		60TUFTS-SS13		60TUFTS-SS13		60TUFTS-SS13		60TUFTS-SS13	
				Sample Date:	1/16/2008		1/17/2008		1/21/2008		4/25/2019		10/1/2025		1/8/2026	
				EPMM (SSDS) Status:	NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
				Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**														
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**													
Carbon Tetrachloride		38	6	0.75 J	0.12 J	< 1.3	< 0.20	1.1 J	0.18 J	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane		56	14	2.2	0.54	1.3	0.32	2.6	0.64	<0.809	<0.20	0.389	0.096	0.202	0.05
1,1-Dichloroethylene		56	14	40.8	10.3	23	5.7	49.6	12.5	< 0.793	< 0.20	0.103	0.026	<0.079	<0.020
trans-1,2-Dichloroethylene		56	14	< 0.79	< 0.20	< 0.79	< 0.20	< 0.79	< 0.20	< 0.793	< 0.20	0.091	0.023	0.091	0.023
Tetrachloroethylene (PCE)		98	14	237	34.9	249	36.7	214	31.6	125	18.5	280	41.3	153	22.5
1,1,1-Trichloroethane (TCA)		210	38	3260 G	597 G	1010	186	3100	568	124	22.7	338	61.9	211	38.7
Trichloroethylene (TCE)		28	5.2	5.9	1.1	4.6	0.86	8.1	1.5	7.95	1.48	13.2	2.45	9.78	1.82

General Notes:
1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. NT = Not tested.
10. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
11. The shutdown valve was closed for 1 week prior to collection of indoor air samples in April 2019, and October 2025.
12. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
13. Highlighted sample indicates most recent round.

Qualifying Notes:
G The result is estimated due to duplicate precision outside control limits.
J The reported result is below the laboratory reporting limit and is estimated.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-01
Client ID: 045163-60TUFTS-1
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 06:15
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 17:43
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.034	0.020	--	0.186	0.109	--		1
Trichloroethene	0.031	0.020	--	0.167	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.195	0.020	--	1.32	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-08
Client ID: 045163-60TUFTS-SS13
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 07:25
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 22:06
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	0.023	0.020	--	0.091	0.079	--		1
1,1-Dichloroethane	0.050	0.020	--	0.202	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	38.7	0.020	--	211	0.109	--		1
Trichloroethene	1.82	0.020	--	9.78	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	22.5	0.020	--	153	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	103		60-140

February 25, 2026
Project 04516-3

RRN Holdings, LLC
2335 Ivylgail Drive East
Jacksonville, FL 32225

Re: Soil Vapor and Indoor Air Sampling Results
60 Tufts Street, Unit 4
Somerville, Massachusetts

To whom it may concern:

On behalf of UniFirst Corporation, GEI Consultants, Inc. is providing the results of the indoor air and soil vapor sampling conducted at 60 Tufts Street (Unit 4) on January 7 and 8, 2026. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On December 24, 2025, to simulate conditions without operation of the active exposure pathway mitigation measure (AEPMM), the sub-slab depressurization system (SSDS) shutdown valve was closed for at least one week prior to collecting the indoor air and soil vapor samples.

On January 7, 2026, one indoor air sample was collected in the basement and one sample was collected on the first floor. The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples along with the previous sampling results (Table 1), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected in both samples at concentrations of 0.509 micrograms per meter cubed (µg/m^3) in the basement sample and 0.671 µg/m^3 on the first floor sample. Concentrations of 1,1,1-Trichloroethane (TCA) were detected in the first floor sample at 0.164 µg/m^3. No other chlorinated volatile organic compounds (VOCs) were detected in the samples at concentrations above the laboratory reporting limits.

On January 8, 2026, one soil vapor sample was collected from beneath the building slab of your unit. Attached is a summary table of the chemicals detected in the soil vapor sample along with the previous sampling results (Table 2) and the laboratory data sheets for the recent sampling.

PCE was detected at 3.42 µg /m^3 and TCA was detected at 5.41 µg /m^3. No other chlorinated VOCs were detected in the sample at concentrations above the laboratory reporting limits.

After the soil vapor sampling was completed, we opened the SSDS shutdown valve and reactivated the fan.

The detected indoor air concentrations are comparable to historical results and are indicative of a condition of No Significant Risk (NSR). Furthermore, the detected indoor air and soil vapor concentrations are below the applicable MassDEP residential indoor air threshold values and sub-slab soil gas screening values, respectively. Soil vapor concentrations that are below the soil vapor screening values generally indicate that the vapor intrusion pathway is unlikely to be of concern under current conditions.

MassDEP regulations provide that individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide such additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781-721-4012 or igladstone@geiconsultants.com.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

Attachments
cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

NMT/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\60 Tufts\2026 Sampling Letters\2026 Jan Results (Unit 4)\60 Tufts #4 January 2026 IA SV Results Ltr.docx

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: RRN Holdings, LLC

2. Street Address: 2335 Ivylgail Drive East

City/Town: Jacksonville, FL Zip Code: 32225

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 60 Tufts Street, Unit 4

City/Town: Somerville, MA Zip Code: 02145

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☐ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor air and sub-slab soil vapor sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1
Chemical Testing Results - Post-EPMM Installation Indoor Air
60 Tufts Street, Unit #4
Somerville, Massachusetts

Sample Location:				60 Tufts Street, Unit 4 (First Floor)																			
Sample Name:				60 TUFTS-UNIT 4		60TUFT-UNIT4-1		60TUFTU4-1		60TUFTU4-1		60TUFTU4-1		60TUFTU4-1		60TUFTS4-1		60TUFTS4-1		60TUFTS4-1		60TUFTS4-1	
Sample Date:				1/23/2007		2/20/2008		5/27/09		6/22/09		2/24/10		9/19/10		2/5/11		7/11/18		4/25/19		10/1/25		1/8/26	
Collected By:				GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI	
EPMM (SSDS) Status:				NA (pre-installation)		NA (pre-installation)		On		On		On		On		On		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
Units:				µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values**																							
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**																						
Carbon tetrachloride		0.54	0.086	0.75 J	0.12 J	<1.3	<0.20	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dichloroethane (DCA)		0.09	0.022	<0.81	<0.20	0.97	0.24	3.2	0.80	2.8	0.70	< 0.81	< 0.20	< 0.81	< 0.20	NT	NT	0.146	0.036	< 0.079	< 0.020	< 0.079	< 0.020	< 0.079	< 0.020
Tetrachloroethylene (PCE)		1.4	0.21	5.8	0.85	2.4	0.36	1.4	0.20	0.95 J	0.14 J	5.8	0.86	< 1.4	< 0.20	< 1.4	< 0.20	0.488	0.072	0.264	0.039	0.264	0.039	0.671	0.099
1,1,1-Trichloroethane (TCA)		3	0.54	11	2.1	1.5	0.27	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	< 0.109	< 0.020	0.153	0.028	0.164	0.030
Trichloroethylene (TCE)		0.4	0.075	<1.1	<0.20	<1.1	<0.20	< 1.1	< 0.20	< 1.1	< 0.20	2.1	0.39	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020

General Notes:
1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. NT = Not tested.
10. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
11. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
12. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
13. Highlighted sample indicates most recent round.

Qualifying Note:
J The reported result is below the laboratory reporting limit and is estimated.

Table 1
Chemical Testing Results - Post-EPMM Installation Indoor Air
60 Tufts Street, Unit #4
Somerville, Massachusetts

Sample Location:				60 Tufts Street, Unit 4 (Basement)																			
Sample Name:				60 TUFTS-UNIT 4B		60TUFT-UNIT4-B		60TUFTU4-B		60TUFTU4-B		60TUFTU4-B		60TUFTU4-B		60TUFTU4-B		60TUFTS4-B		60TUFTS4-B		60TUFTS4-B		60TUFTS4-B	
Sample Date:				1/23/2007		2/20/2008		5/27/09		6/22/09		2/24/10		9/19/10		2/5/11		7/11/18		4/25/19		10/1/25		1/8/26	
Collected By:				GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI	
EPMM (SSDS) Status:				NA (pre-installation)		NA (pre-installation)		On		On		On		On		On		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
Units:				µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values**																							
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**																						
Carbon tetrachloride		0.54	0.086	0.63 J	0.10 J	<1.3	<0.20	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	< 1.3	< 0.20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
1,2-Dichloroethane (DCA)		0.09	0.022	<0.81	<0.20	<0.81	<0.20	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	< 0.81	< 0.20	NT	NT	0.154	0.038	0.115	0.029	< 0.079	< 0.020	< 0.079	< 0.020
Tetrachloroethylene (PCE)		1.4	0.21	4.4	0.65	2	0.29	1.0 J	0.15 J	< 1.4	< 0.20	5.2	0.76	< 1.4	< 0.20	< 1.4	< 0.20	0.522	0.077	0.698	0.103	0.312	0.046	0.509	0.075
1,1,1-Trichloroethane (TCA)		3	0.54	14	2.6	1.9	0.35	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020	< 0.109	< 0.020
Trichloroethylene (TCE)		0.4	0.075	<1.1	<0.20	<1.1	<0.20	< 1.1	< 0.20	0.75 J	0.14 J	1.9	0.35	< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020	< 0.107	< 0.020

General Notes:
1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. NT = Not tested.
10. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
11. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
12. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation, and Closure" dated October 2016.
13. Highlighted sample indicates most recent round.

Qualifying Note:
J The reported result is below the laboratory reporting limit and is estimated.

Table 2
Chemical Testing Results - Pre- and Post-EPMM Installation Soil Vapor Results
60 Tufts Street, Unit #4
Somerville, Massachusetts

				Location Name:	60 Tufts Street, Unit 4									
				Sample Name:	60TUFT-4-SS1		60TUFT#4-SS1		60TUFT-UNIT4-SS1		60TUFT-UNIT4-SS1		60TUFT-UNIT4-SS1	
				Sample Date:	4/4/2007		11/9/2007		1/16/2008		1/17/2008		1/21/2008	
				EPMM (SSDS) Status:	NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)		NA (pre-installation)	
				Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**												
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**											
Tetrachloroethylene (PCE)		98	14		136	20	213	31.4	89.5	13.2	94.3	13.9	117	17.2
1,1,1-Trichloroethane (TCA)		210	38		345	63.2	170	31.1	200	36.7	197	36.1	234	42.9
Trichloroethylene (TCE)		28	5.2		< 2.1	< 0.40	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20	< 1.1	< 0.20

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
10. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
11. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
12. Highlighted sample indicates most recent round.

Table 2
Chemical Testing Results - Pre- and Post-EPMM Installation Soil Vapor Results
60 Tufts Street, Unit #4
Somerville, Massachusetts

				Location Name:	60 Tufts Street, Unit 4 (continued)											
				Sample Name:	60TUFT-4-SS2		60TUFT#4-SS2		60TUFTS4-SS2		60TUFTS4-SS2		60TUFTS4-SS2		60TUFTS4-SS2	
				Sample Date:	4/4/2007		11/9/2007		7/13/2018		4/25/2019		10/1/2025		1/8/2026	
				EPMM (SSDS) Status:	NA (pre-installation)		NA (pre-installation)		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed		Off, Vents Closed	
				Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values**														
Volatile Organic Compounds (VOCs)	TO-15	**µg/m^3**	**ppbv**													
Tetrachloroethylene (PCE)		98	14		29	4.3	63	9.3	2.15	0.317	2.95	0.435	4.98	0.734	3.42	0.504
1,1,1-Trichloroethane (TCA)		210	38		181	33.1	237	43.4	0.971	0.178	1.57	0.288	4.92	0.902	5.41	0.992
Trichloroethylene (TCE)		28	5.2		< 1.1	< 0.20	< 1.1	< 0.20	< 0.107	< 0.020	<1.07	<0.200	0.167	0.031	<0.107	<0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. SSDS = Sub-Slab Depressurization System
8. NA = Not applicable
9. On March 20, 2018, GEI observed the installation of a shutdown valve on the riser pipe of the SSDS.
10. The shutdown valve was closed for 1 week prior to collection of indoor air samples in July 2018, April 2019, October 2025, and January 2026.
11. Residential Sub-Slab Soil Gas Screening Values taken from MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
12. Highlighted sample indicates most recent round.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-06
Client ID: 045163-60TUFTS4-B
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 07:55
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 21:00
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.075	0.020	--	0.509	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	99		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-07
Client ID: 045163-60TUFTS4-1
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 07:59
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 21:33
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.030	0.020	--	0.164	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.099	0.020	--	0.671	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	102		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-11
Client ID: 045163-60TUFTS4-SS2
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 09:05
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 23:43
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.992	0.020	--	5.41	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.504	0.020	--	3.42	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	99		60-140

January 29, 2026
Project 045163

Mr. Keith Glover
Wooden Teeth, LLC
17 Village Street, Unit 1
Somerville, MA 02145

Re: Sub-Slab Soil Vapor Sampling Results
121 Washington Street
Somerville, Massachusetts

Dear Mr. Glover:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected sub-slab soil vapor samples on December 12, 2025, at your property at 121 Washington Street to evaluate the potential for vapor intrusion.

On December 12, 2025, GEI installed two sub-slab soil vapor monitoring points (SV1 and SV2) within the building footprint. GEI collected two soil vapor samples from the newly installed sub-slab monitoring points to evaluate the concentrations of chlorinated volatile organic compounds (CVOCs) in soil vapor beneath the building. Attached is a summary table of the chemicals detected in the soil vapor samples (Table 1) and the laboratory data sheets for the recent sampling. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is also attached.

Tetrachloroethylene (PCE) was detected in both samples at 0.400 µg/m^3 and 0.597 µg/m^3 in SV1 and SV2, respectively. Trichloroethylene (TCE) was detected in SV1 at 0.403 µg/m^3. 1,1,1-Trichloroethane was detected in SV2 at 0.131 µg/m^3. No other CVOCs were detected above laboratory reporting limits in the samples.

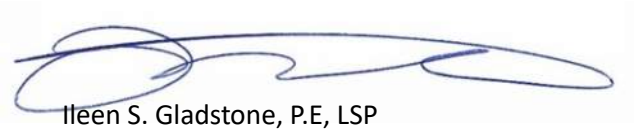
The detected soil vapor concentrations are below the applicable MassDEP residential and commercial soil vapor screening values. Soil vapor concentrations that are below the soil vapor screening values generally indicate that the vapor intrusion pathway is unlikely to be of concern under current conditions.

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide such additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI Consultants, Inc



Ileen S. Gladstone, P.E, LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Washington Street\121 Washington\2025 Sampling Letters\2. December 2025 Results\121 Wash Dec SV Results Ltr.docx

Attachments

cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Keith Glover - Wooden Teeth, LLC

2. Street Address: 17 Village Street, Unit 1

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 121 Washington Street

City/Town: Somerville, MA Zip Code: 02145-4205

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☑ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Sub-slab soil vapor monitoring point installation and sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1 - Chemical Testing Results - Sub-Slab Soil Vapor
121 Washington Street
Somerville, Massachusetts

				Location Name:	121 Washington Street		121 Washington Street			
				Sample Name:	121 Wash-SS1		121Wash-SV1		121Wash-SV2	
				Sample Date:	4/11/2007		12/12/2025		12/12/2025	
				Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values (µg/m^3)**	**MassDEP Commercial Sub-Slab Soil Gas Screening Values (µg/m^3)**							
Volatile Organic Compounds (VOCs)	TO-15									
Tetrachloroethylene (PCE)		98	290		12	1.7	0.400	0.059	0.597	0.088
1,1,1-Trichloroethane		210	310000		0.51 J	0.093 J	< 0.109	< 0.020	0.131	0.024
Trichloroethylene (TCE)		28	120		< 1.1	< 0.20	0.403	0.075	< 0.107	< 0.020

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. Results highlighted are the most recent samples collected.
7. Residential Sub-Slab Soil Gas Screening Values taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
8. Commercial Sub-Slab Soil Gas Screening Values taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. The sample from April 2007 was collected prior to redevelopment of the 121 Washington Street property.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.

Project Name: 50 TUFTS ST
Project Number: 045163
Lab Number: L2579871
Report Date: 12/22/25

SAMPLE RESULTS

Lab ID: L2579871-01
Client ID: 045163-121WASH-SV-1
Sample Location: SOMERVILLE, MA

Date Collected: 12/12/25 14:35
Date Received: 12/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 12/21/25 04:58
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	0.075	0.020	--	0.403	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.059	0.020	--	0.400	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	97		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	97		60-140

Project Name: 50 TUFTS ST
Project Number: 045163

Lab Number: L2579871
Report Date: 12/22/25

SAMPLE RESULTS

Lab ID: L2579871-02
Client ID: 045163-121WASH-SV-2
Sample Location: SOMERVILLE, MA

Date Collected: 12/12/25 14:37
Date Received: 12/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 12/21/25 05:38
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.024	0.020	--	0.131	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.088	0.020	--	0.597	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	99		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	105		60-140

March 11, 2026
Project No. 04516-3

Mr. Keith Glover
Wooden Teeth, LLC
17 Village Street, Unit 1
Somerville, MA 02145

Re: Indoor Air and Soil Vapor Sampling
121 Washington Street
Somerville, Massachusetts

Dear Mr. Glover:

Thank you for permitting GEI Consultants, Inc. to conduct indoor air and soil vapor sampling at your property located at 121 Washington Street in Somerville, Massachusetts. Prior to sampling, we are providing you with a "Notice of Environmental Sampling Form (BWSC-123)," as required by the Massachusetts Department of Environmental Protection (MassDEP). We will also provide you with the results of the indoor air and soil vapor sampling after they are available from the analytical laboratory.

Thank you for your continued assistance. Please contact me at 781.721.4012 or igladstone@geiconsultants.com, if you have any questions.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E., LSP, LEED AP
Senior Vice President

Christopher Coner, CHMM
Project Manager

Enclosure

cc: Catherine Malagrida, UniFirst Corporation
MassDEP-NERO (as part of Status Report)

DJM/ISG/CC:bdp
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Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Keith Glover

2. Street Address: 17 Village Street, Unit 1

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling will be/~~has been~~ conducted at property owned by the recipient of this notice.

☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling will be/~~has been~~ conducted:

1. Street Address: 121 Washington Street

City/Town: Somerville, MA Zip Code: 02145-4205

2. MCP phase of work during which the sampling will be/~~has been~~ conducted:

☐ Immediate Response Action	☐ Phase III Feasibility Evaluation
☐ Release Abatement Measure	☐ Phase IV Remedy Implementation Plan
☐ Utility-related Abatement Measure	☑ Phase V/Remedy Operation Status
☐ Phase I Initial Site Investigation	☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Phase II Comprehensive Site Assessment	☐ Other _____ (specify)

3. Description of property where sampling will be/~~has been conducted~~:

☑ residential ☑ commercial ☐ industrial ☐ school/playground ☐ Other_____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Indoor Air and Soil Vapor Sampling

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 400 Unicorn Park Drive

City/Town: Woburn, MA Zip Code: 01801-3341

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

May 6, 2026
Project 045163

VIA EMAIL

Mr. Keith Glover
Wooden Teeth, LLC
17 Village Street, Unit 1
Somerville, MA 02145

Re: Indoor Air and Soil Vapor Sampling Results
121 Washington Street
Somerville, Massachusetts

Dear Mr. Glover:

On behalf of the UniFirst Corporation, GEI Consultants, Inc. collected indoor air and soil vapor samples on March 18, 2026, at your property at 121 Washington Street to evaluate the potential for vapor intrusion. A Massachusetts Department of Environmental Protection (MassDEP) Notice of Environmental Sampling Form (BWSC123) is attached.

On March 6, 2026, to simulate conditions without operation of the passive exposure pathway mitigation measure (EPMM) installed beneath the building, GEI sealed off the EPMM vent pipe at least one week prior to sampling and the samples were collected with the venting system closed.

On March 18, 2026, one indoor air sample was collected each in the first-floor residential space (specifically, the bike room) and in the three second-floor Units (Units 1, 2, and 3). The samples were collected over a 24-hour period. Attached is a summary table of the chemicals detected in the indoor air samples along with the previous sampling results (Table 1), and the laboratory data sheets for the recent sampling.

No chlorinated volatile organic compounds (CVOCs) were detected above laboratory reporting limits in the samples.

On March 18, 2026, two soil vapor samples were collected from beneath the building slab in the trash room (SV1) and in the stairwell (SV2). The samples were collected over a 1-hour period. Attached is a summary table of the chemicals detected in the soil vapor samples along with the previous sampling results (Table 2), and the laboratory data sheets for the recent sampling.

Tetrachloroethylene (PCE) was detected in both samples at 0.726 micrograms per cubic meter ($\mu g/m^3$) and 3.56 $\mu g/m^3$ in SV1 and SV2, respectively. Trichloroethylene (TCE), cis-1,2-Dichloroethylene, and trans-1,2-Dichloroethylene were also detected at concentrations of 19.3 $\mu g/m^3$, 3.24 $\mu g/m^3$, and 0.206 $\mu g/m^3$, respectively, in SV2.

The detected soil vapor concentrations are below the MassDEP residential sub-slab soil gas screening values. Soil vapor concentrations that are below the residential soil gas screening values generally indicate that the vapor intrusion pathway is unlikely to be of concern.

Individuals and public officials may request additional public involvement activities under the Massachusetts Contingency Plan (MCP; 310 CMR 40.1403(9) and 40.1404). The property owner may also request additional documentation, such as that listed at 310 CMR 40.0017(3), associated with the above-referenced samples. We will provide additional documentation within 30 days of our receipt of such a request.

We appreciate your continued cooperation throughout the sampling process. If you have any questions regarding the sampling results, please do not hesitate to contact me at 781.721.4012 or igladstone@geiconsultants.com.

Sincerely,

GEI Consultants, Inc

Ileen S. Gladstone, P.E, LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

JWG/DJM:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Washington Street\121 Washington_Redev Sampling Letters\4. March 2026 Results\121 Wash IA and SV Results Ltr March.docx

Attachments

cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):

1. Street Address: 50 Tufts Street

City/Town: Somerville Zip Code: 02145-4129

B. This notice is being provided to the following party:

1. Name: Keith Glover - Wooden Teeth, LLC

2. Street Address: 17 Village Street, Unit 1

City/Town: Somerville, MA Zip Code: 02145

C. This notice is being given to inform its recipient (the party listed in Section B):

☑ 1. That environmental sampling ~~will be~~/has been conducted at property owned by the recipient of this notice.

☑ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.

☑ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

D. Location of the property where the environmental sampling ~~will be~~/has been conducted:

1. Street Address: 121 Washington Street

City/Town: Somerville, MA Zip Code: 02145-4205

2. MCP phase of work during which the sampling ~~will be~~/has been conducted:

☐ Immediate Response Action
☐ Release Abatement Measure
☐ Utility-related Abatement Measure
☐ Phase I Initial Site Investigation
☐ Phase II Comprehensive Site Assessment
☐ Phase III Feasibility Evaluation
☐ Phase IV Remedy Implementation Plan
☑ Phase V/Remedy Operation Status
☐ Post-Temporary Solution Operation, Maintenance and Monitoring
☐ Other _____ (specify)

3. Description of property where sampling ~~will be~~/has been conducted:

☑ residential ☑ commercial ☐ industrial ☐ school/playground ☐ Other _____ (specify)

4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

Sub-slab soil vapor and indoor air sampling.

E. Contact information related to the party providing this notice:

Contact Name: Ileen Gladstone, P.E., LSP, LEED AP

Street Address: GEI Consultants, Inc., 100 Quannapowitt Pkwy

City/Town: Wakefield, MA Zip Code: 01880

Telephone: (781) 721-4012 Email: igladstone@geiconsultants.com

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

BWSC123

This Notice is Related to:
Release Tracking Number

3 - 23246

NOTICE OF ENVIRONMENTAL SAMPLING

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

THE PERSON(S) PROVIDING THIS NOTICE

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

PURPOSE OF THIS NOTICE

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

Section C on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

Section D on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

FOR MORE INFORMATION

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at http://www.mass.gov/eea/agencies/massdep/cleanup. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See http://public.dep.state.ma.us/SearchableSites2/Search.aspx to view site-specific files on-line or http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

Table 1 - Chemical Testing Results - Indoor Air (121 Washington Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

			Pre-Redevelopment									
		Location Name:	First Floor									
		Sample Name:	121WASH-1A		121WASH-1B		121WASH-1		121WASH-1A		121WASH-1B	
		Sample Date:	11/6/2007		11/6/2007		2/11/2008		6/9/2008		6/9/2008	
		EPMM (Vent) Status:	NA (pre-redevelopment)		NA (pre-redevelopment)		NA (pre-redevelopment)		NA (pre-redevelopment)		NA (pre-redevelopment)	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values (µg/m^3)**										
Volatile Organic Compounds (VOCs)	TO-15											
1,1,1-Trichloroethane (TCA)		3	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	1.3	0.24	1.4	0.26
Carbon tetrachloride		0.54	0.82 J	0.13 J	0.88 J	0.14 J	0.69 J	0.11 J	0.75 J	0.12 J	0.75 J	0.12 J
Tetrachloroethylene (PCE)		1.4	1.5	0.22	1.4	0.20	<1.4	<0.20	1.6	0.24	1.6	0.24

General Notes

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. NT= Not tested
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 1 - Chemical Testing Results - Indoor Air (121 Washington Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

			Post-Redevelopment							
		Location Name:	First Floor Residential		Unit 1 (Second Floor)		Unit 2 (Second Floor)		Unit 3 (Second Floor)	
		Sample Name:	121WASH-RES-F1		121WASH-UNIT1		121WASH-UNIT2		121WASH-UNIT3	
		Sample Date:	3/18/2026		3/18/2026		3/18/2026		3/18/2026	
		EPMM (Vent) Status:	Closed		Closed		Closed		Closed	
		Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Indoor Air Threshold Values (µg/m^3)**								
Volatile Organic Compounds (VOCs)	TO-15									
1,1,1-Trichloroethane (TCA)		3	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020	<0.109	<0.020
Carbon tetrachloride		0.54	NT	NT	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.4	<0.136	<0.020	<0.136	<0.020	<0.136	<0.020	<0.136	<0.020

General Notes

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m^3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. NT= Not tested
8. Residential Threshold Values for indoor air taken from the MassDEP "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
9. Highlighted samples indicate most recent sampling round.

Qualifying Note:

J The reported result is below the laboratory reporting limit and is estimated.

Table 2 - Chemical Testing Results - Sub-Slab Soil Vapor (121 Washington Street)
Indoor Air and Soil Vapor Results Letter
50 Tufts Street
Somerville, Massachusetts

				Location Name:	121 Washington Street (Pre-Redevelopment)		121 Washington Street (Post-Redevelopment)							
				Sample Name:	121 Wash-SS1		121Wash-SV1		121Wash-SV1		121Wash-SV2		121Wash-SV2	
				Sample Date:	4/11/2007		12/12/2025		3/18/26		12/12/2025		3/18/26	
				EPMM (Vent) Status:	NA (pre-redevelopment)		Vent Open		Vent Closed		Vent Open		Vent Closed	
				Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**	**MassDEP Residential Sub-Slab Soil Gas Screening Values (µg/m^3)**	**MassDEP Commercial Sub-Slab Soil Gas Screening Values (µg/m^3)**											
Volatile Organic Compounds (VOCs)	TO-15													
cis-1,2-Dichloroethylene		56	370		< 0.79	< 0.20	< 0.079	< 0.020	< 0.079	< 0.020	< 0.079	< 0.020	3.24	0.816
trans-1,2-Dichloroethylene		56	3700		< 0.79	< 0.20	< 0.079	< 0.020	< 0.079	< 0.020	< 0.079	< 0.020	0.206	0.052
Tetrachloroethylene (PCE)		98	290		12	1.7	0.400	0.059	0.726	0.107	0.597	0.088	3.56	0.525
1,1,1-Trichloroethane		210	310000		0.51 J	0.093 J	< 0.109	< 0.020	< 0.109	< 0.020	0.131	0.024	< 0.109	< 0.020
Trichloroethylene (TCE)		28	120		< 1.1	< 0.20	0.403	0.075	< 0.107	< 0.020	< 0.107	< 0.020	19.3	3.59

General Notes:

1. Analytes detected in at least one sample are reported here. For a complete list of analytes see the attached laboratory data sheets.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. < = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. MassDEP = Massachusetts Department of Environmental Protection
6. EPMM = Exposure Pathway Mitigation Measure.
7. NA = Not applicable
8. Results highlighted are the most recent samples collected.
9. Residential Sub-Slab Soil Gas Screening Values taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.
10. Commercial Sub-Slab Soil Gas Screening Values taken from the Massachusetts Department of Environmental Protection (MassDEP) "Vapor Intrusion Guidance: Site Assessment, Mitigation and Closure" dated October 2016.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2616257-01
Client ID: 045163-121WASH-UNIT2
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 08:10
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/26/26 02:04
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2616257-02
Client ID: 045163-121WASH-UNIT1
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 08:13
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/26/26 03:20
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2616257-03
Client ID: 045163-121WASH-RES-F1
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 07:57
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/26/26 03:59
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2616257-04
Client ID: 045163-121WASH-UNIT3
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 08:02
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/26/26 04:37
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	95		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2616257-05
Client ID: 045163-121WASH-SV-2
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 09:02
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/26/26 05:16
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	0.052	0.020	--	0.206	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	0.816	0.020	--	3.24	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	3.59	0.020	--	19.3	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.525	0.020	--	3.56	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2616257-06
Client ID: 045163-121WASH-SV-1
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 09:43
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/26/26 05:55
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.107	0.020	--	0.726	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

January 29, 2026
Project 045163

CERTIFIED MAIL: 9171 9690 0935 0192 1952 46

Mr. Steven D. Faber
185 Samoset Avenue
Hull, MA 02045

Re: Summary of Indoor Air Sampling and Environmental Conditions
99 Franklin Street
Somerville, Massachusetts

Dear Mr. Faber:

We understand that you are the owners of the property located at 99 Franklin Street in Somerville, Massachusetts. GEI Consultants, Inc. (GEI) has been working for years in the neighborhood to manage environmental risks associated with the historical release of chlorinated volatile organic compounds (VOCs) to soil and groundwater on the nearby 50 Tufts Street Property that was first reported in 2002. GEI's work is being conducted under the Massachusetts Contingency Plan (MCP) overseen by the Massachusetts Department of Environmental Protection (MassDEP). The purpose of this letter is to summarize the environmental conditions in the area, share information regarding prior environmental evaluation of your property, and to request your permission to collect additional data from your property. This request is not associated with a new release or any specific change in conditions, but instead it is intended to confirm that long-term risks associated with the 50 Tufts Street Site continue to be appropriately managed.

A release of chlorinated VOCs on the 50 Tufts Street Property was first reported to the MassDEP in 2002. GEI is an environmental consulting firm that has been working on response actions at 50 Tufts Street and in the neighborhood since 2004. Numerous studies have been conducted relating to the 50 Tufts Street Site, and response actions are currently being conducted under the MCP process overseen by MassDEP.

If you are interested in more information regarding GEI's work, reports documenting response actions conducted at the 50 Tufts Street Site are available for review at the MassDEP Northeast Regional Office in Woburn, Massachusetts. A map depicting the extent of the "Site" is attached and marked as "Figure 1." Records are accessible online at the MassDEP Searchable Sites database (https://eeaonline.eea.state.ma.us/portal/dep/wastesite/). Additionally, local public document repositories have been established at the Somerville Central Public Library and at the City of Somerville Clerk's Office. The MassDEP release tracking number (RTN) for the Site is RTN 3-23246.

Indoor air testing was previously conducted at your property in June 2007, February 2008, and September 2009. Chlorinated VOCs were detected above the laboratory detection limit in one or more of the indoor air samples collected from your property. The results of the sampling are in the attached Table 1.

GEI would like to conduct additional indoor air testing at your property at no expense to you. The testing will involve the placement of an air collection canister or canisters within your home for approximately 24 hours. If you agree to provide this access, GEI would visit your property twice—once to drop off the canister(s) and once to pick them up. We previously sent this letter to you on December 18, 2025, as well.

Please contact me at igladstone@geiconsultants.com or 781.721.4012 to answer any of your questions and to coordinate this access. All results of our testing will be promptly shared with you.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E, LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

DJM/ISG/COC:jam
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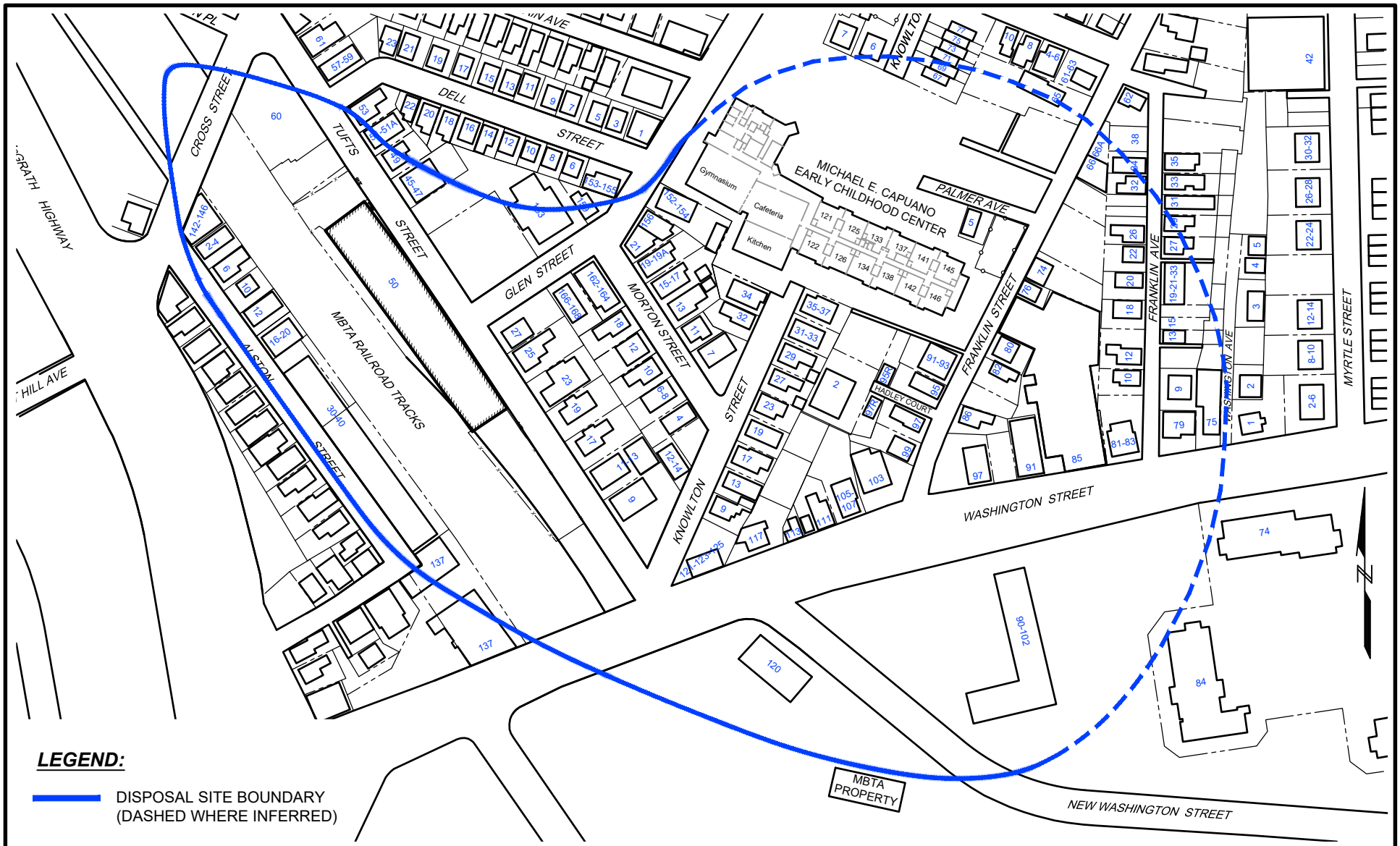
Attachments
cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report



50 Tufts Street
Somerville, Massachusetts

UniFirst Corporation
Wilmington, Massachusetts

GEI Consultants

SITE SKETCH

Project 04516-3

November 2025

Fig . 1

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Table 1 - Chemical Testing Results - Indoor Air (99 Franklin Street)
50 Tufts Street
Somerville, Massachusetts

Sample Location:		Basement						First Floor	
Sample Name:		99FRANK-B		99FRANK-B		99-FRAN-B		99FRANK-1	
Sample Date:		6/25/07		2/5/08		9/18/09		2/5/08	
Sampled By:		GEI		GEI		GEI		GEI	
Units:		µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**								
Volatile Organic Compounds (VOCs)	**TO-15**								
Tetrachloroethylene (PCE)		1.4	0.21	8.1	1.2	< 1.4	< 0.20	1.2 J	0.17 J

General Notes:

1. Analytes detected in at least one sample are reported here.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.

February 17, 2026
Project 045163

CERTIFIED MAIL: 9171 9690 0935 0192 1954 82

Mr. Steven D. Faber
185 Samoset Avenue
Hull, MA 02045

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Somerville, Massachusetts

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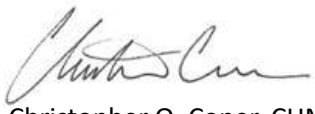
Senior Vice President



Christopher O. Coner, CHMM
Project Manager

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Attachments
cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

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50 Tufts Street
Somerville, Massachusetts

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Sampled By:		GEI		GEI		GEI		GEI	
Units:		µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**								
Volatile Organic Compounds (VOCs)	**TO-15**								
Tetrachloroethylene (PCE)		1.4	0.21	8.1	1.2	< 1.4	< 0.20	1.2 J	0.17 J

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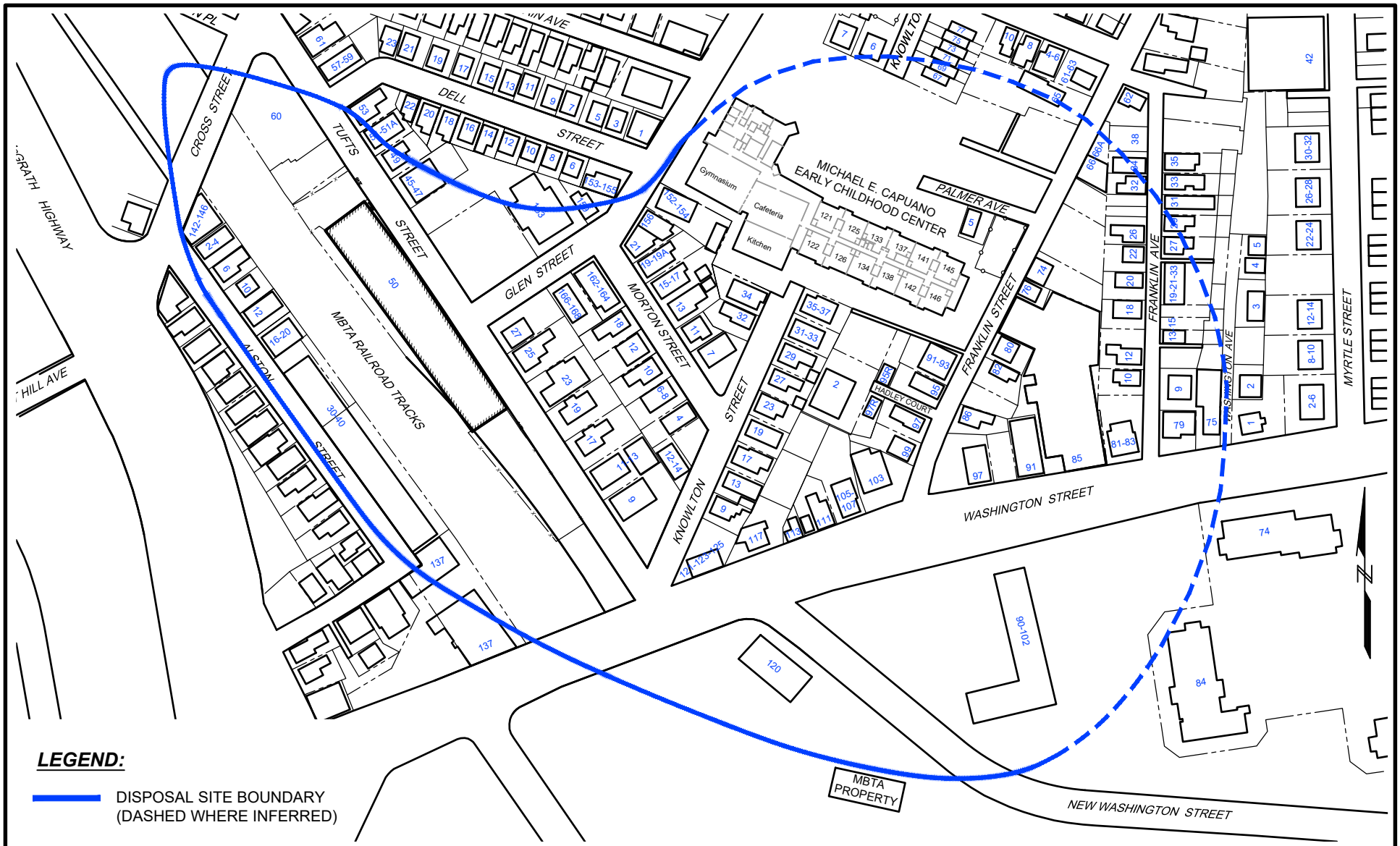

50 Tufts Street
Somerville, Massachusetts

UniFirst Corporation
Wilmington, Massachusetts

GEI Consultants

SITE SKETCH

Project 04516-3

November 2025

Fig . 1

B:\Private\04516\#Drafting\04516-3\AULs\045163 - DSB

January 29, 2026
Project 045163

CERTIFIED MAIL: 9171 9690 0935 0192 1952 84

Mr. Avani Campos
19 Rhode Island Avenue
Somerville, MA 02145

Re: Property Access for Indoor Air Sampling
9 Tufts Street
Somerville, Massachusetts

Dear Mr. Campos:

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Senior Vice President

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DJM/ISG/COC:jam
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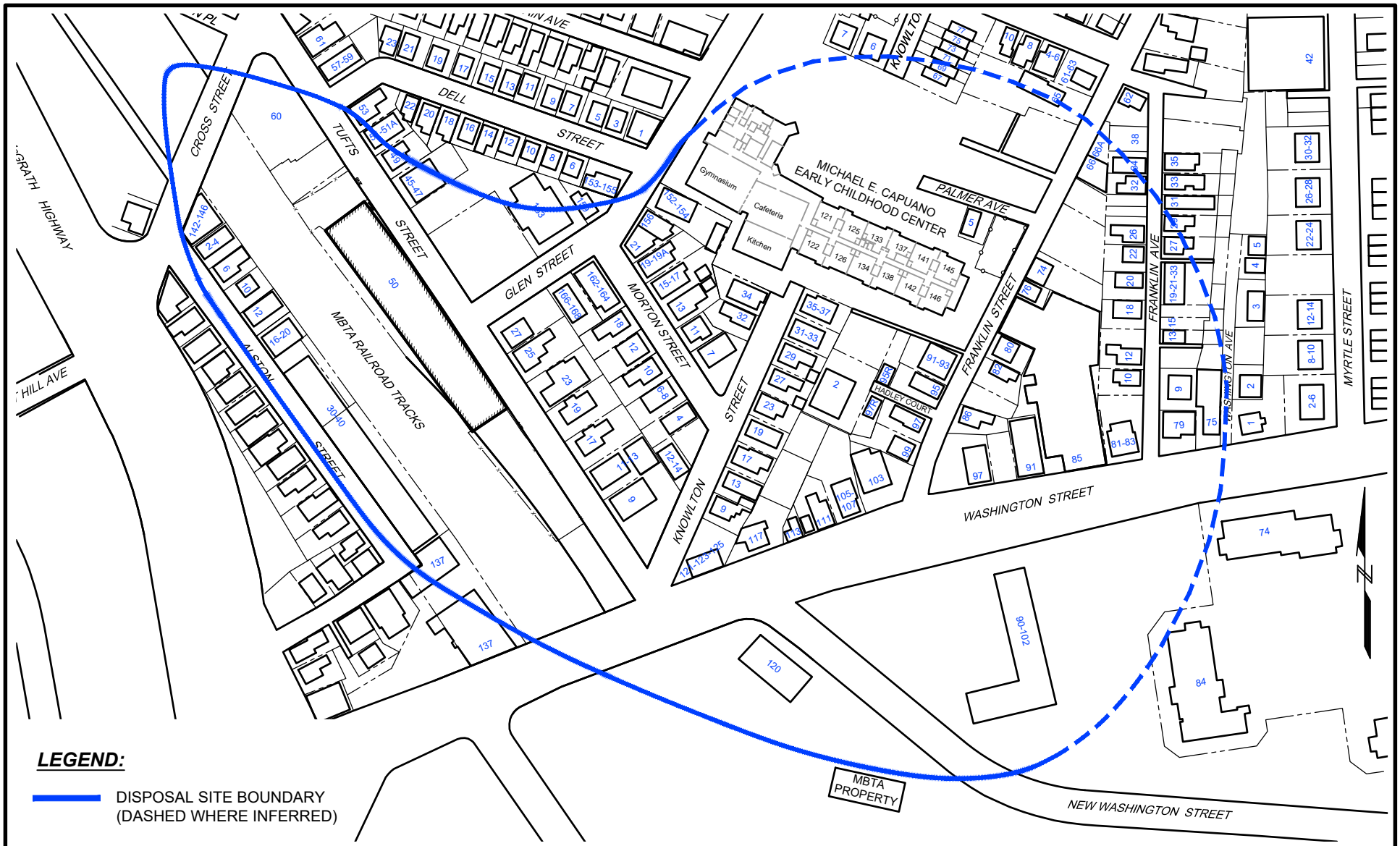

50 Tufts Street
Somerville, Massachusetts

UniFirst Corporation
Wilmington, Massachusetts

GEI Consultants

SITE SKETCH

Project 04516-3

November 2025

Fig . 1

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50 Tufts Street
Somerville, Massachusetts

	Sample Location:	Basement										First floor															
	Sample Name:	IA-6		9TUFTS-BR		9TUFTS-BR		9TUFTS-BR		9 TUFTS-BR		IA-5		9TUFTS-1L		9TUFTS-1L		9TUFTS-1L		9 TUFTS-1L		9TUFTS-1R		9TUFTS-1R		9TUFTS-1R	
	Sample Date:	2/23/05		3/23/06		7/24/06		10/2/06		12/15/06		2/23/05		3/23/06		7/24/06		10/2/06		12/15/06		3/23/06		7/24/06		10/2/06		12/15/06	
	Sampled By:	Shaw		GEI		GEI		GEI		GEI		Shaw		GEI		GEI		GEI		GEI		GEI		GEI		GEI		GEI	
	Units:	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**																												
Volatile Organic Compounds (VOCs)	**TO-15**																												
Chloroform		0.54 J	0.11 J	1.3	0.26	1.2	0.24	NT	NT	NT	NT	1.2	0.25	<0.98 J	<0.20 J	<0.88 J	<0.18 J	NT	NT	NT	NT	< 0.98	< 0.20	2.3	0.47	NT	NT	NT	NT
Chloromethane		0.91	0.44	<1.1 L	0.53 L	0.95	0.46	NT	NT	NT	NT	1	0.49	1.4 L	0.69 L	1	0.5	NT	NT	NT	NT	1.4 L	< 0.69 L	1.1	0.55	NT	NT	NT	NT
Methylene Chloride		0.56 J	0.16 J	<1.9 J+	<0.55 J+	<11 J+	<3.1 J+	NT	NT	NT	NT	0.59 J	0.17 J	<1.8 J+	<0.52 J+	<4.2 J+	<1.2 J+	NT	NT	NT	NT	< 1.3 J+	< 0.36 J+	< 6.6 J+	< 1.9 J+	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.3 J	0.19 J	2.4	0.35	3.1	0.45	16	2.4	2.2	0.32	1.8	0.27	<1.4	<0.20	<1.2 J	<0.18 J	3.5	0.52	1.9	0.28	< 1.4 J	< 0.20 J	2	0.29	6.2	0.91	< 0.64 J	< 0.095 J

General Notes:

1. Analytes detected in at least one sample are reported here.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
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7. Shaw Environmental collected samples on behalf of the DEP, samples collected 2/23/05.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.
L The reported result is estimated because the calculated relative percent difference (RPD) between a sample and the matrix duplicate was above the quality control limit specified in the Quality Assurance Project Plan (QAPP).
J+ The reported result is estimated.

February 17, 2026
Project 045163

CERTIFIED MAIL: 9171 9690 0935 0192 1954 44

Mr. Avani Campos
19 Rhode Island Avenue
Somerville, MA 02145

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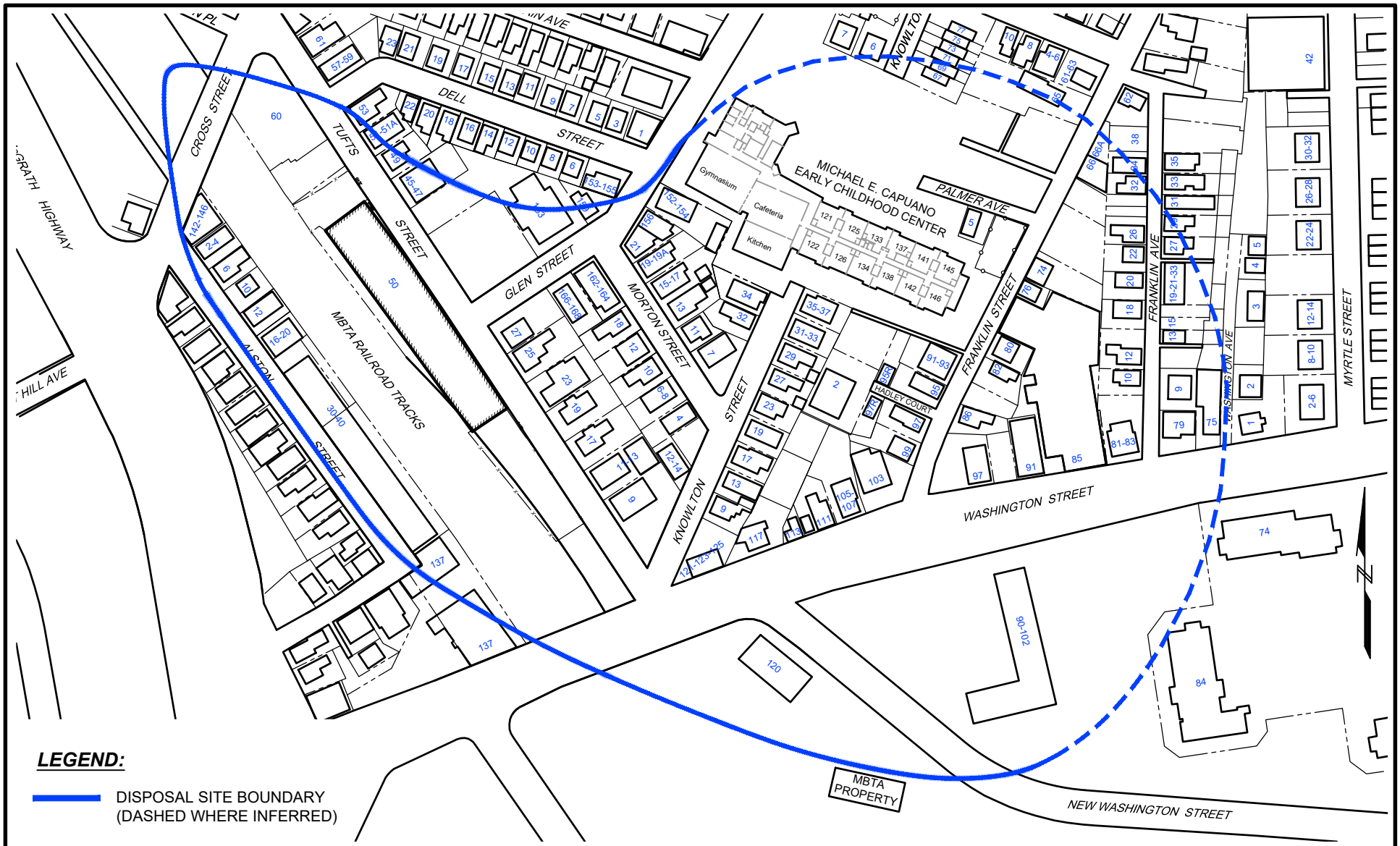

50 Tufts Street
Somerville, Massachusetts

UniFirst Corporation
Wilmington, Massachusetts

GEI Consultants

SITE SKETCH

Project 04516-3

November 2025

Fig . 1

B:\Private\04516\#Drafting\04516-3\AULs\045163 - DSB

January 29, 2026
Project 045163

CERTIFIED MAIL: 9171 9690 0935 01952 1952 60

Mr. David J. Danzilio
Ms. Lucille Danzilio
Mr. David M. Danzilio
11-13 Tufts Street, Unit 1
Somerville, MA 02145

Re: Summary of Indoor Air Sampling and Environmental Conditions
11-13 Tufts Street
Somerville, Massachusetts

Dear Mr. Danzilio, Ms. Danzilio, and Mr. Danzilio:

We understand that you are the owners of the property located at 11-13 Tufts Street, Unit 1, in Somerville, Massachusetts. GEI Consultants, Inc. (GEI) has been working for years in the neighborhood to manage environmental risks associated with the historical release of chlorinated volatile organic compounds (VOCs) to soil and groundwater on the nearby 50 Tufts Street Property that was first reported in 2002. GEI's work is being conducted under the Massachusetts Contingency Plan (MCP) overseen by the Massachusetts Department of Environmental Protection (MassDEP). The purpose of this letter is to summarize the environmental conditions in the area, share information regarding prior environmental evaluation of your property, and to request your permission to collect additional data from your property. This request is not associated with a new release or any specific change in conditions, but instead it is intended to confirm that long-term risks associated with the 50 Tufts Street Site continue to be appropriately managed.

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Christopher O. Coner, CHMM
Project Manager

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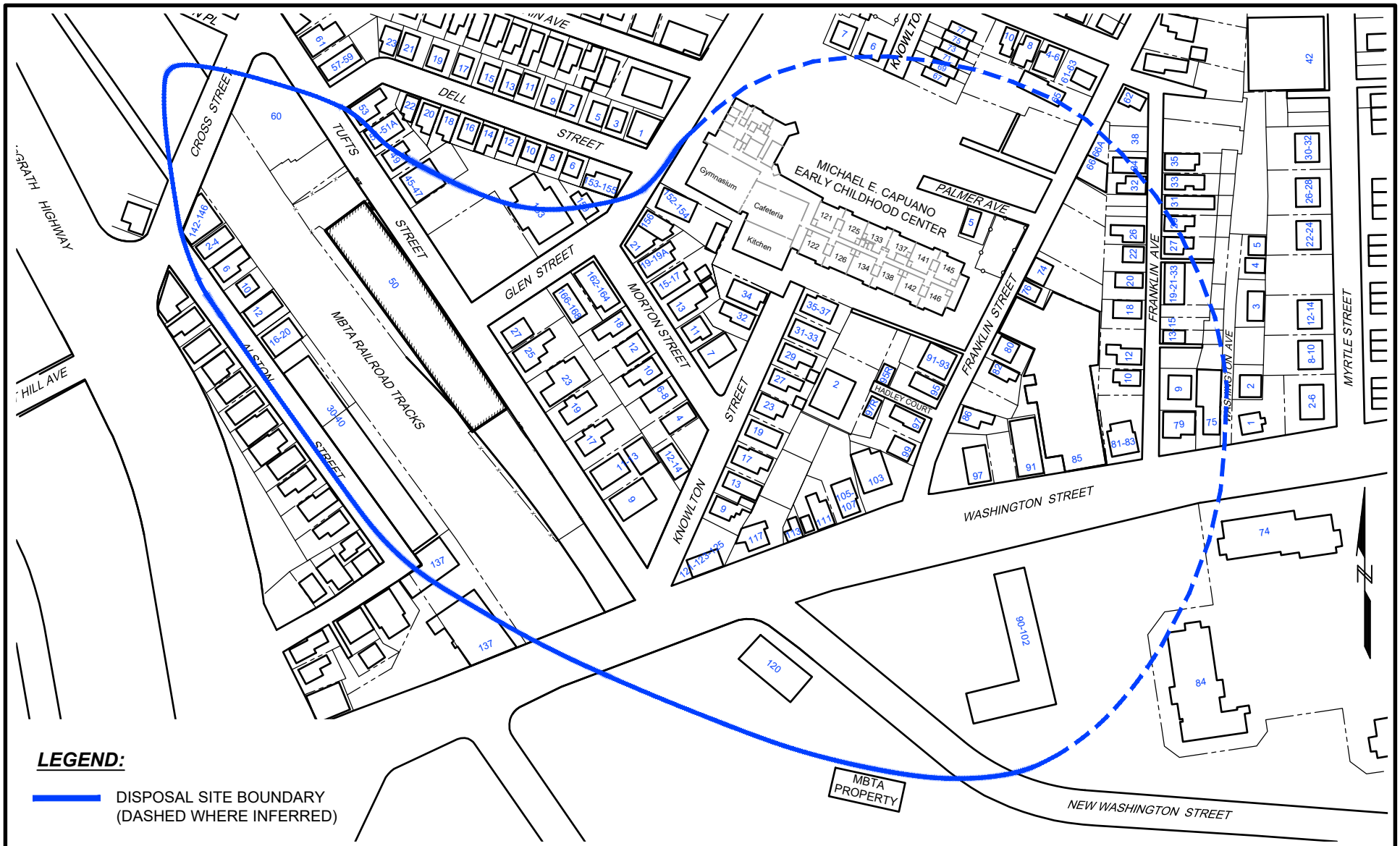
Attachments
cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report


CROSS STREET
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GLEN STREET
MORTON STREET
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SCALE, FEET
50 Tufts Street
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SITE SKETCH
Project 04516-3
November 2025
Fig . 1
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Table 1 - Chemical Testing Results - Indoor Air (11-13 Tufts Street)
50 Tufts Street
Somerville, Massachusetts

Sample Location:		Basement										First floor									
Sample Name:		IA-2		11/13TUFTS-B		11/13 TUFTS-B		11/13TUFTS-B		11/13 TUFTS-B		IA-1		11/13TUFTS-1		11/13 TUFTS-1		11/13TUFTS-1		11/13 TUFTS-1	
Sample Date:		2/23/05		3/24/06		6/29/06		9/28/06		12/15/06		2/23/05		3/24/06		6/29/06		9/28/06		12/15/06	
Sampled By:		Shaw		GEI		GEI		GEI		GEI		Shaw		GEI		GEI		GEI		GEI	
Units:		µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**																				
Volatile Organic Compounds (VOCs)	**TO-15**																				
1,1,1-Trichloroethane (TCA)		< 1.1	< 0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	< 1.1	< 0.20	<1.1	<0.20	0.71 J	0.13 J	<1.1	<0.20	<1.1	<0.20
1,1,2,2-Tetrachloroethane		1	0.29	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	0.8	0.23	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20
Carbon Tetrachloride		< 1.3	< 0.20	<1.3	<0.20	0.69 J	0.11 J	<1.3	<0.20	0.69 J	0.11 J	< 1.3	< 0.20	<1.3	<0.20	0.69 J	0.11 J	<1.3	<0.20	0.62 J	0.099 J
Chloroform		< 0.98	< 0.20	<0.98	<0.20	<0.98	<0.20	NT	NT	NT	NT	2.8	0.57	<0.98	<0.20	1.5	0.3	NT	NT	NT	NT
Chloromethane		0.81	0.39	1.4 L	0.68 L	1.7	0.8	NT	NT	NT	NT	0.99	0.48	1.4 L	0.70 L	2.7	1.3	NT	NT	NT	NT
Methylene Chloride		< 0.81	< 0.20	4.5 J+	<1.3 J+	5.2 J+	1.5 J+	NT	NT	NT	NT	< 0.81	< 0.20	1.2 J+	0.34 J+	2.7 J+	0.77 J+	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.8	0.26	<1.4	<0.20	2.4	0.36	0.88 J	0.13 J	2.2	0.33	1.0 J	0.15 J	<1.4	<0.20	1.8	0.27	1.5	0.22	<1.4	<0.20

General Notes:

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4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
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7. Shaw Environmental collected samples on behalf of the DEP, samples collected 2/23/05.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.
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J+ The reported result is estimated.

January 29, 2026
Project 045163

CERTIFIED MAIL: 9171 9690 0935 01952 1952 77

Mr. Philip Alves
Ms. Cayla Machleit
11-13 Tufts Street, Unit 2
Somerville, MA 02145

Re: Summary of Indoor Air Sampling and Environmental Conditions
11-13 Tufts Street
Somerville, Massachusetts

Dear Mr. Alves and Ms. Machleit:

We understand that you are the owners of the property located at 11-13 Tufts Street, Unit 2, in Somerville, Massachusetts. GEI Consultants, Inc. (GEI) has been working for years in the neighborhood to manage environmental risks associated with the historical release of chlorinated volatile organic compounds (VOCs) to soil and groundwater on the nearby 50 Tufts Street Property that was first reported in 2002. GEI's work is being conducted under the Massachusetts Contingency Plan (MCP) overseen by the Massachusetts Department of Environmental Protection (MassDEP). The purpose of this letter is to summarize the environmental conditions in the area, share information regarding prior environmental evaluation of your property, and to request your permission to collect additional data from your property. This request is not associated with a new release or any specific change in conditions, but instead it is intended to confirm that long-term risks associated with the 50 Tufts Street Site continue to be appropriately managed.

A release of chlorinated VOCs on the 50 Tufts Street Property was first reported to the MassDEP in 2002. GEI is an environmental consulting firm that has been working on response actions at 50 Tufts Street and in the neighborhood since 2004. Numerous studies have been conducted relating to the 50 Tufts Street Site, and response actions are currently being conducted under the MCP process overseen by MassDEP.

If you are interested in more information regarding GEI's work, reports documenting response actions conducted at the 50 Tufts Street Site are available for review at the MassDEP Northeast Regional Office in Woburn, Massachusetts. A map depicting the extent of the "Site" is attached and marked as "Figure 1." Records are accessible online at the MassDEP Searchable Sites database (https://eeaonline.eea.state.ma.us/portal/dep/wastesite/). Additionally, local public document repositories have been established at the Somerville Central Public Library and at the City of Somerville Clerk's Office. The MassDEP release tracking number (RTN) for the Site is RTN 323246.

Indoor air testing was previously conducted at your property in February 2005, March 2006, June 2006, September 2006, and December 2006. Chlorinated VOCs were detected above the laboratory detection limit in one or more of the indoor air samples collected from your property. The results of the sampling are in the attached Table 1.

GEI would like to conduct additional indoor air testing at your property at no expense to you. The testing will involve the placement of an air collection canister or canisters within your home for approximately 24 hours. If you agree to provide this access, GEI would visit your property twice—once to drop off the canister(s) and once to pick them up. We previously sent this letter to you on December 5, 2025, as well.

Please contact me at igladstone@geiconsultants.com or 781.721.4012 to answer any of your questions and to coordinate this access. All results of our testing will be promptly shared with you.

Sincerely,

GEI CONSULTANTS, INC.

Ileen S. Gladstone, P.E, LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

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cc: Catherine Malagrida, UniFirst Corporation
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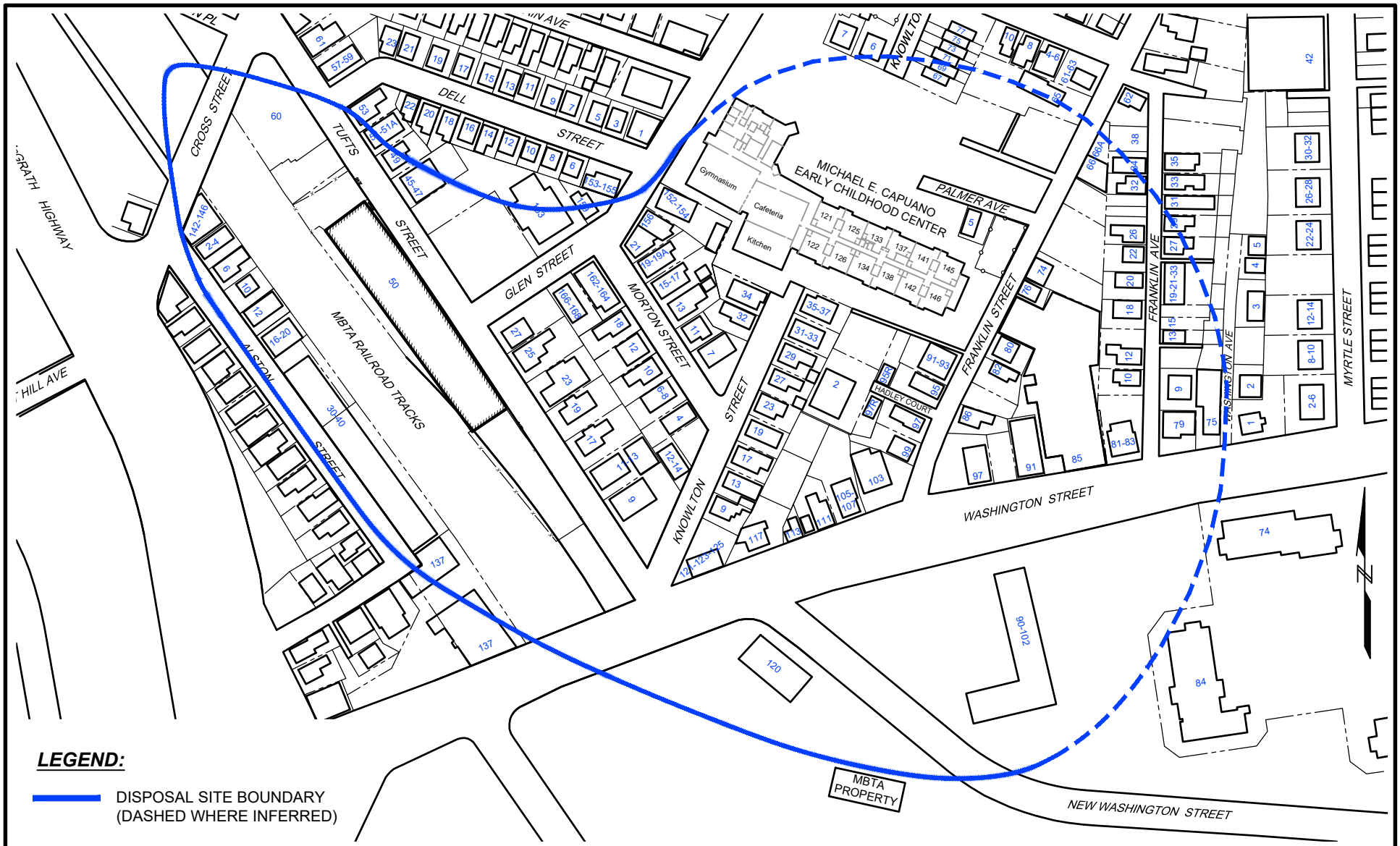
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Units:		µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**																				
Volatile Organic Compounds (VOCs)	**TO-15**																				
1,1,1-Trichloroethane (TCA)		< 1.1	< 0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	< 1.1	< 0.20	<1.1	<0.20	0.71 J	0.13 J	<1.1	<0.20	<1.1	<0.20
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February 17, 2026
Project 045163

CERTIFIED MAIL: 9171 9690 0935 0192 1954 68

Mr. David J. Danzilio
Ms. Lucille Danzilio
Mr. David M. Danzilio
11-13 Tufts Street, Unit 1
Somerville, MA 02145

Re: Summary of Indoor Air Sampling and Environmental Conditions
11-13 Tufts Street
Somerville, Massachusetts

Dear Mr. Danzilio, Ms. Danzilio, and Mr. Danzilio:

We understand that you are the owners of the property located at 11-13 Tufts Street, Unit 1, in Somerville, Massachusetts. GEI Consultants, Inc. (GEI) has been working for years in the neighborhood to manage environmental risks associated with the historical release of chlorinated volatile organic compounds (VOCs) to soil and groundwater on the nearby 50 Tufts Street Property that was first reported in 2002. GEI's work is being conducted under the Massachusetts Contingency Plan (MCP) overseen by the Massachusetts Department of Environmental Protection (MassDEP). The purpose of this letter is to summarize the environmental conditions in the area, share information regarding prior environmental evaluation of your property, and to request your permission to collect additional data from your property. This request is not associated with a new release or any specific change in conditions, but instead it is intended to confirm that long-term risks associated with the 50 Tufts Street Site continue to be appropriately managed.

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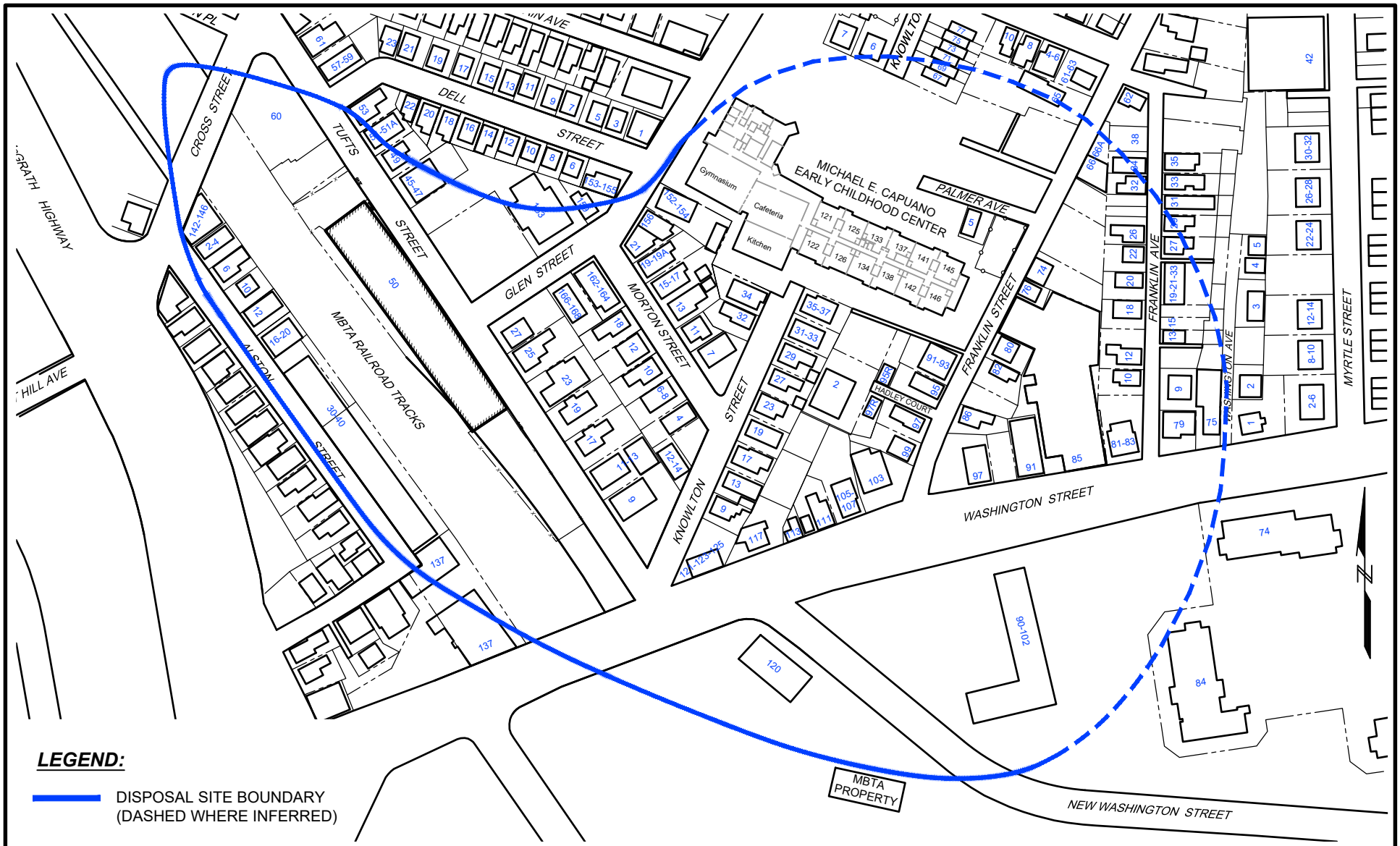
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February 17, 2026
Project 045163

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Ms. Cayla Machleit
11-13 Tufts Street, Unit 2
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Somerville, Massachusetts

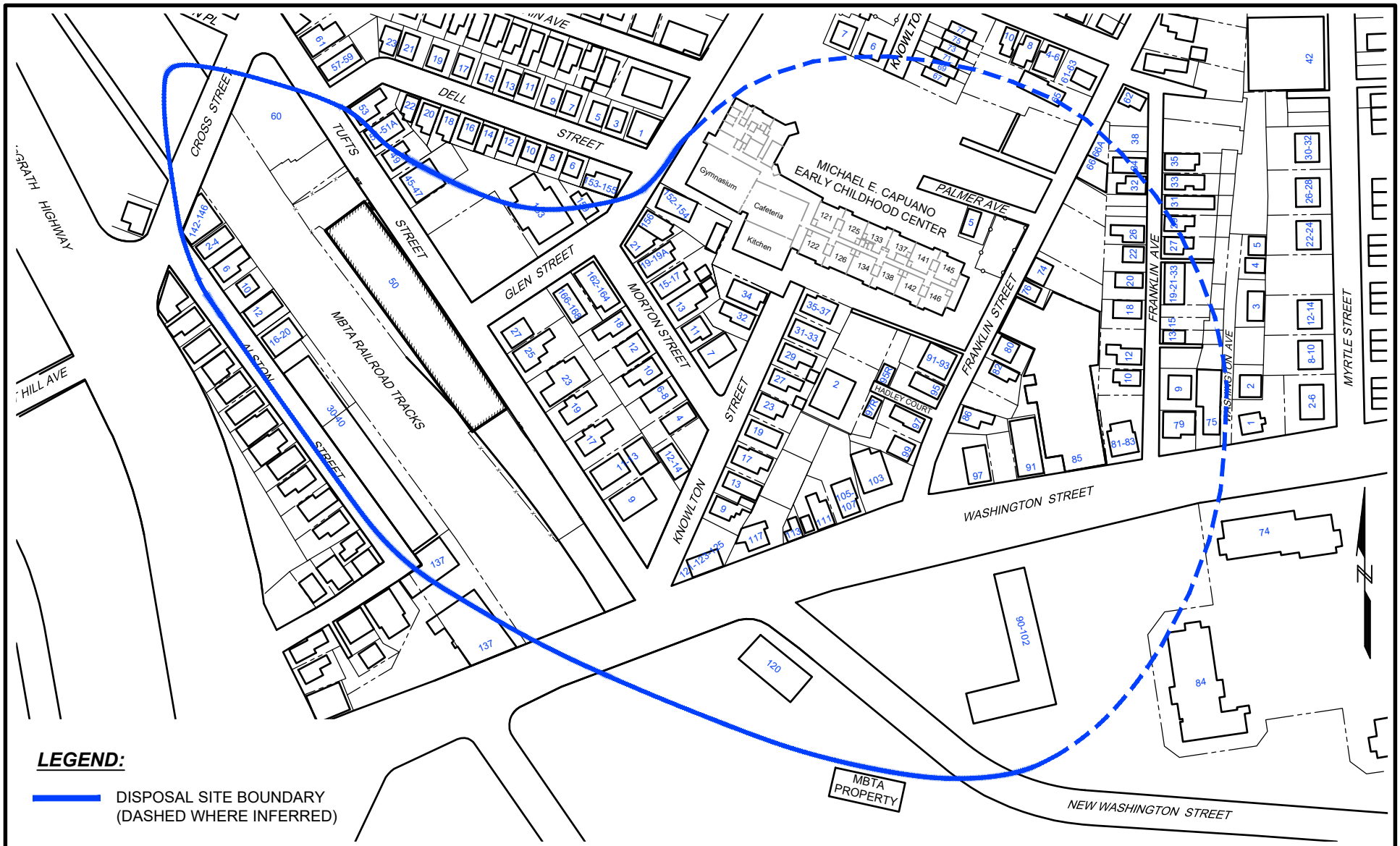
Sample Location:		Basement										First floor									
Sample Name:		IA-2		11/13TUFTS-B		11/13 TUFTS-B		11/13TUFTS-B		11/13 TUFTS-B		IA-1		11/13TUFTS-1		11/13 TUFTS-1		11/13TUFTS-1		11/13 TUFTS-1	
Sample Date:		2/23/05		3/24/06		6/29/06		9/28/06		12/15/06		2/23/05		3/24/06		6/29/06		9/28/06		12/15/06	
Sampled By:		Shaw		GEI		GEI		GEI		GEI		Shaw		GEI		GEI		GEI		GEI	
Units:		µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**																				
Volatile Organic Compounds (VOCs)	**TO-15**																				
1,1,1-Trichloroethane (TCA)		< 1.1	< 0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	< 1.1	< 0.20	<1.1	<0.20	0.71 J	0.13 J	<1.1	<0.20	<1.1	<0.20
1,1,2,2-Tetrachloroethane		1	0.29	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	0.8	0.23	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20	<1.4	<0.20
Carbon Tetrachloride		< 1.3	< 0.20	<1.3	<0.20	0.69 J	0.11 J	<1.3	<0.20	0.69 J	0.11 J	< 1.3	< 0.20	<1.3	<0.20	0.69 J	0.11 J	<1.3	<0.20	0.62 J	0.099 J
Chloroform		< 0.98	< 0.20	<0.98	<0.20	<0.98	<0.20	NT	NT	NT	NT	2.8	0.57	<0.98	<0.20	1.5	0.3	NT	NT	NT	NT
Chloromethane		0.81	0.39	1.4 L	0.68 L	1.7	0.8	NT	NT	NT	NT	0.99	0.48	1.4 L	0.70 L	2.7	1.3	NT	NT	NT	NT
Methylene Chloride		< 0.81	< 0.20	4.5 J+	<1.3 J+	5.2 J+	1.5 J+	NT	NT	NT	NT	< 0.81	< 0.20	1.2 J+	0.34 J+	2.7 J+	0.77 J+	NT	NT	NT	NT
Tetrachloroethylene (PCE)		1.8	0.26	<1.4	<0.20	2.4	0.36	0.88 J	0.13 J	2.2	0.33	1.0 J	0.15 J	<1.4	<0.20	1.8	0.27	1.5	0.22	<1.4	<0.20

General Notes:

1. Analytes detected in at least one sample are reported here.
2. µg/m3 = micrograms per cubic meter.
3. ppbv = parts per billion by volume.
4. "<" = The analyte was not detected at a concentration above the specified laboratory reporting limit.
5. NT= Not tested
6. NS= No standard established
7. Shaw Environmental collected samples on behalf of the DEP, samples collected 2/23/05.

Qualifying Notes:

J The reported result is below the laboratory reporting limit and is estimated.
L The reported result is estimated because the calculated relative percent difference (RPD) between a sample and the matrix duplicate was above the quality control limit specified in the Quality Assurance Project Plan (QAPP).
J+ The reported result is estimated.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GLEN STREET
MORTON STREET
KNOWLTON STREET
PALMER AVE
FRANKLIN STREET
FRANKLIN AVE
WASHINGTON AVE
MYRTLE STREET
HADLEY COURT
WASHINGTON STREET
NEW WASHINGTON STREET
MBTA RAILROAD TRACKS
MBTA PROPERTY
MICHAEL E. CAPUANO EARLY CHILDHOOD CENTER
Gymnasium
Cafeteria
Kitchen
HILL AVE
GRATH HIGHWAY
LEGEND:
DISPOSAL SITE BOUNDARY
(DASHED WHERE INFERRED)
0
200
400
SCALE, FEET
50 Tufts Street
Somerville, Massachusetts
UniFirst Corporation
Wilmington, Massachusetts
GEI Consultants
SITE SKETCH
Project 04516-3
November 2025
Fig . 1
B:\Private\04516\#Drafting\04516-3\AULs\045163 - DSB

January 29, 2026
Project 045163

CERTIFIED MAIL: 9171 9690 0935 0192 1952 53

Mr. Remy Provost
Mrs. Helene Provost
17 Tufts Street
Somerville, MA 02145

Re: Property Access for Indoor Air Sampling
17 Tufts Street
Somerville, Massachusetts

Dear Mr. and Mrs. Provost:

As you may recall, GEI Consultants (GEI) has been working for years in the neighborhood to manage environmental risks associated with the historical release of chlorinated volatile organic compounds (VOCs) to soil and groundwater on the nearby 50 Tufts Street Property that was first reported in 2002. GEI's work is being conducted under the Massachusetts Contingency Plan (MCP) overseen by the Massachusetts Department of Environmental Protection (MassDEP).

You may also recall that we conducted indoor air sampling at your property located at 17 Tufts Street to assess environmental conditions there. Indoor air testing was previously conducted at your property in March 2005, March 2006, October 2006, and December 2006. Chlorinated VOCs were detected above the laboratory detection limit in one or more of the indoor air samples collected from your property. The results of the historical sampling are provided in the attached Table 1.

In connection with our ongoing work with MassDEP, we are reaching out to homeowners in the area where recent indoor air sampling data is not available to request access to conduct additional indoor air monitoring to assess current conditions. This request is not associated with a new release or any specific change in conditions, but instead it is intended to confirm that long-term risks associated with the 50 Tufts Street Site continue to be appropriately managed.

If you are interested in more information regarding GEI's work, reports documenting response actions conducted at the 50 Tufts Street Site are available for review at the MassDEP Northeast Regional Office in Woburn, Massachusetts. A map depicting the extent of the "Site" is attached and marked as "Figure 1." Records also are accessible online at the MassDEP Searchable Sites database (https://eeaonline.eea.state.ma.us/portal/dep/wastesite/). Additionally, local public document repositories have been established at the Somerville Central Public Library and at the City of Somerville Clerk's Office. The MassDEP release tracking number (RTN) for the Site is RTN 3-23246.

GEI would like to conduct additional indoor air testing at your property at no expense to you. The testing will involve placement of an air collection canister or canisters within your home for approximately 24 hours. If you agree to provide this access, GEI would visit your property twice—once to drop off the canister(s) and once to pick them up. We previously sent this letter to you on December 5, 2025, as well.

Please contact me at igladstone@geiconsultants.com or 781.721.4012 to answer any of your questions and to coordinate this access. All results of our testing will be promptly shared with you.

Sincerely,

GEI CONSULTANTS, INC

Ileen S. Gladstone, P.E, LSP
Senior Vice President

Christopher O. Coner, CHMM
Project Manager

DJM/ISG/COC:jam
\\geiconsultants.com\data\Data_Storage\Private\04516\2.0 Correspondence\2.4 Residences\Individual Residences\Tufts Street\17 Tufts\Access Request Letters\2. 2026 Jan\17 Tufts Street Access Request Letter.docx

Attachments
cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

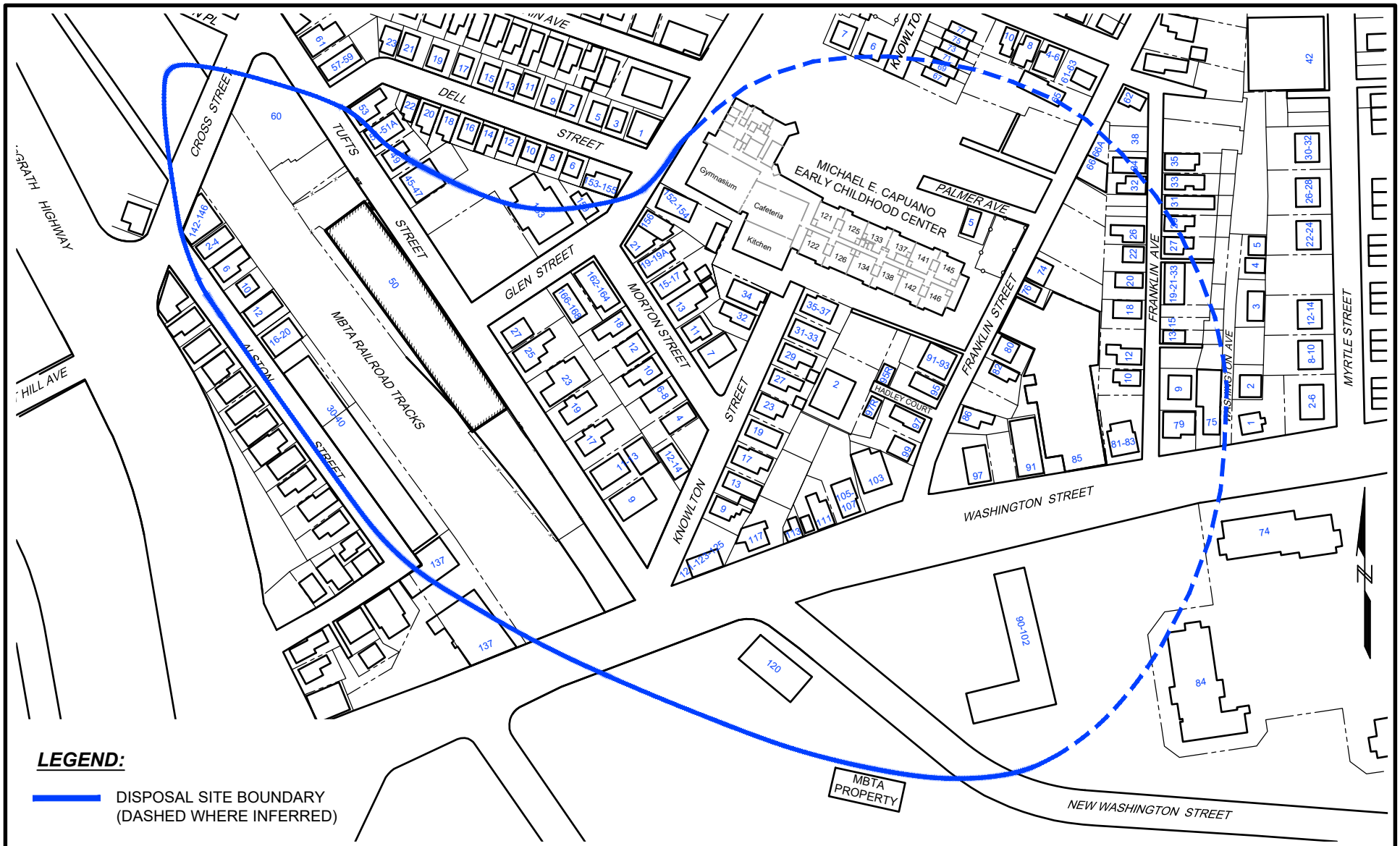
CROSS STREET
TUFTS STREET
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Table 1 - Chemical Testing Results - Indoor Air (17 Tufts Street)
50 Tufts Street
Somerville, Massachusetts

Sample Location:		Basement												First Floor									
Sample Name:		IA-11		17TUFTS-B		17TUFTS-C		17TUFTS-B		17TUFTS-C		17 TUFTS-B		IA-12		17TUFTS-1		17TUFTS-1		17 TUFTS-1		17 TUFTS-C	
Sample Date:		3/24/05		3/24/06		3/24/06		10/2/06		10/2/06		12/18/06		3/24/05		3/24/06		10/2/06		12/18/06		12/18/06	
Sampled By:		Shaw		GEI		GEI		GEI		GEI		GEI		Shaw		GEI		GEI		GEI		GEI	
Units:		µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
Analyte	**Method**																						
Volatile Organic Compounds (VOCs)	**TO-15**																						
Carbon Tetrachloride		NT	NT	<1.3	<0.20	<1.3	<0.20	<1.3	<0.20	<1.3	<0.20	0.52 J	0.083 J	NT	NT	<1.3	<0.20	<1.3	<0.20	0.57 J	0.090 J	<1.3	<0.20
Chloroform		1.1	0.23	<0.98	<0.20	<0.98	<0.20	NT	NT	NT	NT	NT	NT	1.9	0.39	<0.98	<0.20	NT	NT	NT	NT	NT	NT
Chloromethane		0.97	0.47	1.2 L	0.58 L	1.4 L	0.69 L	NT	NT	NT	NT	NT	NT	1.1	0.52	1.7 L	0.80 L	NT	NT	NT	NT	NT	NT
Methylene Chloride		1.5	0.43	59.1 L	17.0 L	57.3 L	16.5 L	NT	NT	NT	NT	NT	NT	1	0.3	4.2 J+	1.2 J+	NT	NT	NT	NT	NT	NT
Tetrachloroethylene (PCE)		8.8	1.3	1.3 J	0.19 J	1.4	0.21	6.1	0.9	6	0.89	2	0.30	4.7	0.69	2.9	0.43	0.88 J	0.13 J	1.5	0.22	<1.4	<0.20
Trichloroethene		0.91 J	0.17 J	<1.1	<0.20	0.70 J	0.13 J	7	1.3	7	1.3	0.70 J	0.13 J	< 1.1	< 0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20	<1.1	<0.20

General Notes:
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February 17, 2026
Project 045163

CERTIFIED MAIL: 9171 9690 0935 0192 1954 51

Mr. Remy Prevost
Mrs. Helene Prevost
17 Tufts Street
Somerville, MA 02145

Re: Property Access for Indoor Air Sampling
17 Tufts Street
Somerville, Massachusetts

Dear Mr. and Mrs. Prevost:

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Please contact me at igladstone@geiconsultants.com or 781.721.4012 to answer any of your questions and to coordinate this access. All results of our testing will be promptly shared with you.

Sincerely,

GEI CONSULTANTS, INC

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Attachments
cc: Catherine Malagrida, UniFirst Corporation
MassDEP via Status Report

Table 1 - Chemical Testing Results - Indoor Air (17 Tufts Street)
50 Tufts Street
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Sample Location:		Basement												First Floor									
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Sample Date:		3/24/05		3/24/06		3/24/06		10/2/06		10/2/06		12/18/06		3/24/05		3/24/06		10/2/06		12/18/06		12/18/06	
Sampled By:		Shaw		GEI		GEI		GEI		GEI		GEI		Shaw		GEI		GEI		GEI		GEI	
Units:		µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv	µg/m^3	ppbv
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Chloromethane		0.97	0.47	1.2 L	0.58 L	1.4 L	0.69 L	NT	NT	NT	NT	NT	NT	1.1	0.52	1.7 L	0.80 L	NT	NT	NT	NT	NT	NT
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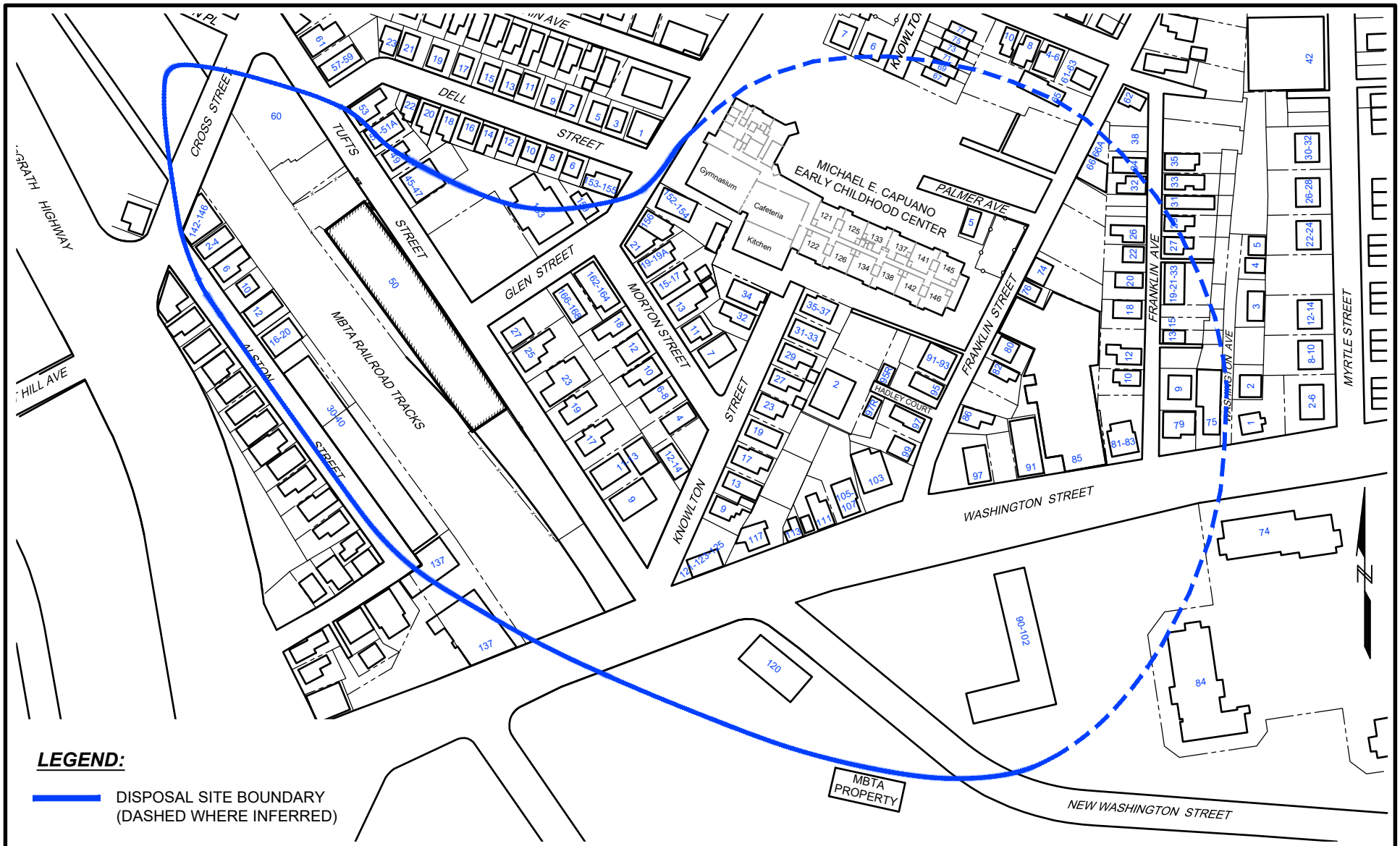
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November 2025
Fig . 1
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Appendix C Laboratory Data Reports

ANALYTICAL REPORT

Lab Number:	L2602170
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	01/20/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2602170-01	045163-60TUFTS-1	AIR	SOMERVILLE, MA	01/08/26 06:15	01/09/26
L2602170-02	045163-60TUFT-GARG	AIR	SOMERVILLE, MA	01/08/26 06:30	01/09/26
L2602170-03	045163-60TUFT-HALL	AIR	SOMERVILLE, MA	01/08/26 06:45	01/09/26
L2602170-04	045163-60TUFT-STOR2	AIR	SOMERVILLE, MA	01/08/26 06:53	01/09/26
L2602170-05	045163-60TUFT-STOR1	AIR	SOMERVILLE, MA	01/08/26 06:58	01/09/26
L2602170-06	045163-60TUFTS4-B	AIR	SOMERVILLE, MA	01/08/26 07:55	01/09/26
L2602170-07	045163-60TUFTS4-1	AIR	SOMERVILLE, MA	01/08/26 07:59	01/09/26
L2602170-08	045163-60TUFTS-SS13	SOIL_VAPOR	SOMERVILLE, MA	01/08/26 07:25	01/09/26
L2602170-09	045163-60TUFT-SS10	SOIL_VAPOR	SOMERVILLE, MA	01/08/26 08:15	01/09/26
L2602170-10	045163-60TUFT-SS14	SOIL_VAPOR	SOMERVILLE, MA	01/08/26 08:50	01/09/26
L2602170-11	045163-60TUFTS4-SS2	SOIL_VAPOR	SOMERVILLE, MA	01/08/26 09:05	01/09/26
L2602170-12	045163-60TUFTS-SS1	SOIL_VAPOR	SOMERVILLE, MA	01/08/26 10:25	01/09/26
L2602170-13	045163-60TUFT-STORAGES-SS2	SOIL_VAPOR	SOMERVILLE, MA	01/08/26 10:30	01/09/26

Project Name: TUFTS STREET **Lab Number:** L2602170

Project Number: 045163 **Report Date:** 01/20/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2602170
Project Number:	045163	**Report Date:**	01/20/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on December 19, 2025. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

L2602170-12D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2602170-12D2: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 01/20/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-01
Client ID: 045163-60TUFTS-1
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 06:15
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 17:43
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.034	0.020	--	0.186	0.109	--		1
Trichloroethene	0.031	0.020	--	0.167	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.195	0.020	--	1.32	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-02
Client ID: 045163-60TUFT-GARG
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 06:30
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 18:15
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.078	0.020	--	0.529	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-03
Client ID: 045163-60TUFT-HALL
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 06:45
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 18:50
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.102	0.020	--	0.692	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	98		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-04
Client ID: 045163-60TUFT-STOR2
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 06:53
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 19:23
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.020	0.020	--	0.136	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-05
Client ID: 045163-60TUFT-STOR1
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 06:58
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 19:55
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.052	0.020	--	0.353	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-06
Client ID: 045163-60TUFTS4-B
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 07:55
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 21:00
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.075	0.020	--	0.509	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	92		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	99		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-07
Client ID: 045163-60TUFTS4-1
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 07:59
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 21:33
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.030	0.020	--	0.164	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.099	0.020	--	0.671	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	102		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-08
Client ID: 045163-60TUFTS-SS13
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 07:25
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 22:06
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	0.023	0.020	--	0.091	0.079	--		1
1,1-Dichloroethane	0.050	0.020	--	0.202	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	38.7	0.020	--	211	0.109	--		1
Trichloroethene	1.82	0.020	--	9.78	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	22.5	0.020	--	153	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	103		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-09
Client ID: 045163-60TUFT-SS10
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 08:15
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 22:38
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	0.057	0.020	--	0.226	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	0.034	0.020	--	0.135	0.079	--		1
1,1,1-Trichloroethane	1.72	0.020	--	9.38	0.109	--		1
Trichloroethene	8.50	0.020	--	45.7	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	23.0	0.020	--	156	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	101		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-10
Client ID: 045163-60TUFT-SS14
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 08:50
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 23:10
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	15.3	0.020	--	83.5	0.109	--		1
Trichloroethene	3.94	0.020	--	21.2	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	22.8	0.020	--	155	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	102		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-11
Client ID: 045163-60TUFTS4-SS2
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 09:05
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 23:43
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.992	0.020	--	5.41	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.504	0.020	--	3.42	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	99		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-12 D
Client ID: 045163-60TUFTS-SS1
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 10:25
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/19/26 00:13
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.067	--	ND	0.171	--		3.333
1,1-Dichloroethene	59.4	0.067	--	236	0.264	--		3.333
trans-1,2-Dichloroethene	ND	0.067	--	ND	0.264	--		3.333
1,1-Dichloroethane	0.520	0.067	--	2.10	0.270	--		3.333
cis-1,2-Dichloroethene	ND	0.067	--	ND	0.264	--		3.333
1,1,1-Trichloroethane	237	0.067	--	1290	0.364	--	E	3.333
Trichloroethene	17.1	0.067	--	91.9	0.358	--		3.333
1,1,2-Trichloroethane	ND	0.067	--	ND	0.364	--		3.333
Tetrachloroethene	15.0	0.067	--	102	0.452	--		3.333
1,1,2,2-Tetrachloroethane	ND	0.067	--	ND	0.458	--		3.333

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	98		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-12 D2
Client ID: 045163-60TUFTS-SS1
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 10:25
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/19/26 07:41
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
1,1,1-Trichloroethane	300	0.200	--	1640	1.09	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

SAMPLE RESULTS

Lab ID: L2602170-13
Client ID: 045163-60TUFT-STORAGES-SS2
Sample Location: SOMERVILLE, MA

Date Collected: 01/08/26 10:30
Date Received: 01/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/19/26 00:45
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	2.78	0.020	--	11.0	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	0.073	0.020	--	0.295	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	17.3	0.020	--	94.4	0.109	--		1
Trichloroethene	0.274	0.020	--	1.47	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.232	0.020	--	1.57	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	100		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 01/18/26 16:03

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-13 Batch: WG2166358-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-13 Batch: WG2166358-3								
Vinyl chloride	75		-		70-130	-		
1,1-Dichloroethene	85		-		70-130	-		
trans-1,2-Dichloroethene	81		-		70-130	-		
1,1-Dichloroethane	75		-		70-130	-		
cis-1,2-Dichloroethene	94		-		70-130	-		
1,1,1-Trichloroethane	128		-		70-130	-		
Trichloroethene	107		-		70-130	-		
1,1,2-Trichloroethane	110		-		70-130	-		
Tetrachloroethene	96		-		70-130	-		
1,1,2,2-Tetrachloroethane	108		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-13 QC Batch ID: WG2166358-5 QC Sample: L2602170-05 Client ID: 045163-60TUFT-STOR1						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Tetrachloroethene	0.052	0.052	ppbV	0		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2602170

Report Date: 01/20/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2602170-01	045163-60TUFTS-1	02243	Flow 5	12/19/25	549728		-	-	-	Pass	3.0	3.1	3
L2602170-01	045163-60TUFTS-1	1844	6.0L Can	12/19/25	549728	L2579541-02	Pass	-29.4	-8.0	-	-	-	-
L2602170-02	045163-60TUFT-GARG	0023	Flow 5	12/19/25	549728		-	-	-	Pass	3.0	3.1	3
L2602170-02	045163-60TUFT-GARG	1900	6.0L Can	12/19/25	549728	L2579541-02	Pass	-29.4	-6.3	-	-	-	-
L2602170-03	045163-60TUFT-HALL	02003	Flow 4	12/19/25	549728		-	-	-	Pass	3.0	2.8	7
L2602170-03	045163-60TUFT-HALL	2479	6.0L Can	12/19/25	549728	L2579541-02	Pass	-29.4	-11.2	-	-	-	-
L2602170-04	045163-60TUFT-STOR2	02747	Flow 5	12/19/25	549728		-	-	-	Pass	3.0	3.0	0
L2602170-04	045163-60TUFT-STOR2	2630	6.0L Can	12/19/25	549728	L2579541-02	Pass	-29.4	-9.5	-	-	-	-
L2602170-05	045163-60TUFT-STOR1	02859	Flow 5	12/19/25	549728		-	-	-	Pass	3.0	3.3	10
L2602170-05	045163-60TUFT-STOR1	2886	6.0L Can	12/19/25	549728	L2579541-02	Pass	-29.4	-6.9	-	-	-	-
L2602170-06	045163-60TUFTS4-B	0435	Flow 5	12/19/25	549728		-	-	-	Pass	3.0	3.1	3
L2602170-06	045163-60TUFTS4-B	1994	6.0L Can	12/19/25	549728	L2579541-02	Pass	-29.3	-6.7	-	-	-	-
L2602170-07	045163-60TUFTS4-1	01277	Flow 5	12/19/25	549728		-	-	-	Pass	3.0	3.0	0
L2602170-07	045163-60TUFTS4-1	5536	6.0L TO Can	12/19/25	549728	L2579541-02	Pass	-29.2	-9.8	-	-	-	-
L2602170-08	045163-60TUFTS-SS13	0717	Flow 2	12/19/25	549728		-	-	-	Pass	36.4	36.5	0

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2602170

Report Date: 01/20/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2602170-08	045163-60TUFTS-SS13	2558	2.7L Can	12/19/25	549728	L2579541-07	Pass	-29.1	-3.6	-	-	-	-
L2602170-09	045163-60TUFT-SS10	01509	Flow 2	12/19/25	549728		-	-	-	Pass	35.8	36.7	2
L2602170-09	045163-60TUFT-SS10	4374	2.7L Can	12/19/25	549728	L2579541-07	Pass	-29.3	-3.3	-	-	-	-
L2602170-10	045163-60TUFT-SS14	01742	Flow 2	12/19/25	549728		-	-	-	Pass	36.5	35.7	2
L2602170-10	045163-60TUFT-SS14	3932	2.7L Can	12/19/25	549728	L2579541-07	Pass	-29.3	-2.3	-	-	-	-
L2602170-11	045163-60TUFTS4-SS2	01453	Flow 2	12/19/25	549728		-	-	-	Pass	35.5	35.8	1
L2602170-11	045163-60TUFTS4-SS2	3894	2.7L Can	12/19/25	549728	L2579541-07	Pass	-29.3	-5.1	-	-	-	-
L2602170-12	045163-60TUFTS-SS1	0830	Flow 2	12/19/25	549728		-	-	-	Pass	36.0	35.6	1
L2602170-12	045163-60TUFTS-SS1	3928	2.7L Can	12/19/25	549728	L2579541-07	Pass	-29.5	-3.2	-	-	-	-
L2602170-13	045163-60TUFT-STORAGES-SS2	01085	Flow 2	12/19/25	549728		-	-	-	Pass	36.4	37.5	3
L2602170-13	045163-60TUFT-STORAGES-SS2	3005	2.7L Can	12/19/25	549728	L2579541-07	Pass	-29.4	-3.8	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2579541
Report Date: 01/20/26

Air Canister Certification Results

Lab ID: L2579541-02
Client ID: CAN 3949 SHELF 113
Sample Location:

Date Collected: 12/14/25 10:50
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/14/25 23:04
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2579541
Report Date: 01/20/26

Air Canister Certification Results

Lab ID: L2579541-02
Client ID: CAN 3949 SHELF 113
Sample Location:

Date Collected: 12/14/25 10:50
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2579541

Project Number: CANISTER QC BAT **Report Date:** 01/20/26

Air Canister Certification Results

Lab ID: L2579541-02
Client ID: CAN 3949 SHELF 113
Sample Location:

Date Collected: 12/14/25 10:50
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2579541
Report Date: 01/20/26

Air Canister Certification Results

Lab ID: L2579541-02
Client ID: CAN 3949 SHELF 113
Sample Location:

Date Collected: 12/14/25 10:50
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2579541

Project Number: CANISTER QC BAT **Report Date:** 01/20/26

Air Canister Certification Results

Lab ID: L2579541-02
Client ID: CAN 3949 SHELF 113
Sample Location:

Date Collected: 12/14/25 10:50
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
unknown siloxane	1.0	J	ppbV		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2579541
Report Date: 01/20/26

Air Canister Certification Results

Lab ID: L2579541-02
Client ID: CAN 3949 SHELF 113
Sample Location:

Date Collected: 12/14/25 10:50
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/14/25 23:04
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2579541

Project Number: CANISTER QC BAT **Report Date:** 01/20/26

Air Canister Certification Results

Lab ID: L2579541-02
Client ID: CAN 3949 SHELF 113
Sample Location:

Date Collected: 12/14/25 10:50
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2579541
Report Date: 01/20/26

Air Canister Certification Results

Lab ID: L2579541-02
Client ID: CAN 3949 SHELF 113
Sample Location:

Date Collected: 12/14/25 10:50
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2579541
Report Date: 01/20/26

Air Canister Certification Results

Lab ID: L2579541-07
Client ID: CAN 2249 SHELF 59
Sample Location:

Date Collected: 12/13/25 15:00
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/15/25 02:21
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2579541
Report Date: 01/20/26

Air Canister Certification Results

Lab ID: L2579541-07
Client ID: CAN 2249 SHELF 59
Sample Location:

Date Collected: 12/13/25 15:00
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2579541
Report Date: 01/20/26

Air Canister Certification Results

Lab ID: L2579541-07
Client ID: CAN 2249 SHELF 59
Sample Location:

Date Collected: 12/13/25 15:00
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2579541
Report Date: 01/20/26

Air Canister Certification Results

Lab ID: L2579541-07
Client ID: CAN 2249 SHELF 59
Sample Location:

Date Collected: 12/13/25 15:00
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2579541
Report Date: 01/20/26

Air Canister Certification Results

Lab ID: L2579541-07
Client ID: CAN 2249 SHELF 59
Sample Location:

Date Collected: 12/13/25 15:00
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
Cyclotrisiloxane, Hexamethyl-	1.5	NJ	ppbV		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2579541
Report Date: 01/20/26

Air Canister Certification Results

Lab ID: L2579541-07
Client ID: CAN 2249 SHELF 59
Sample Location:

Date Collected: 12/13/25 15:00
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/15/25 02:21
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2579541

Project Number: CANISTER QC BAT **Report Date:** 01/20/26

Air Canister Certification Results

Lab ID: L2579541-07
Client ID: CAN 2249 SHELF 59
Sample Location:

Date Collected: 12/13/25 15:00
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2579541
Report Date: 01/20/26

Air Canister Certification Results

Lab ID: L2579541-07
Client ID: CAN 2249 SHELF 59
Sample Location:

Date Collected: 12/13/25 15:00
Date Received: 12/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	92		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2602170
Report Date: 01/20/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2602170-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2602170-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2602170-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2602170-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2602170-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2602170-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2602170-07A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2602170-08A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2602170-09A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2602170-10A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2602170-11A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2602170-12A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2602170-13A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2602170
Project Number:	045163	**Report Date:**	01/20/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2602170
Project Number:	045163	**Report Date:**	01/20/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2602170
Project Number:	045163	**Report Date:**	01/20/26

Data Qualifiers

ND	- Not detected at the reporting limit (RL) for the sample.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
Q	- The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
R	- Analytical results are from sample re-analysis.
RE	- Analytical results are from sample re-extraction.
S	- Analytical results are from modified screening analysis.
V	- The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
Z	- The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2602170
Report Date: 01/20/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 2

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 01/09/26

Pace® Job #: L2602170

Client Information

Client: GEI Consultants Inc.
Address: 100 Quannapowitt Pkwy
Wakefield MA, 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
Pace® Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☑

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
02170-01	045163-60TUFTS-1	1/8/26	6:15	6:15	-29.87	-9.30	AA	NMT	6L	1844	02243	X					See attached list of analytes
-02	045163-60TUFT-GARG		6:30	6:30	-29.75	-8.40	AA			1900	0023	X					
-03	045163-60TUFT-HALL		6:45	6:45	-29.98	-13.30	AA			2479	02003	X					
-04	045163-60TUFT-STOR2		6:53	6:53	-29.75	-11.54	AA			2630	02747	X					
-05	045163-60TUFT-STOR1		6:58	6:58	-29.80	-9.07	AA			2886	02859	X					
-06	045163-60TUFTS4-B		7:55	7:55	-29.95	-8.32	AA			1994	0435	X					
-07	045163-60TUFTS4-1		7:59	7:59	-29.28	-11.32	AA			5536	01277	X					
-08	045163-60TUFTS-SS13		6:25	7:25	-29.92	-6.41	SV	CED	2.7L	2558	0717	X					
-09	045163-60TUFT-SS10		7:15	8:15	-30.32	-5.36	SV	CED	2.7L	4324	01509	X					
-10	045163-60TUFT-SS14		7:50	8:50	-30.57	-4.28	SV	~~NMT~~ CED	2.7L	3932	01742	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Procopio	1/8/26 11:30	GEI Sample Room	1/8/26 11:30
Sample Room	1/9/26 1155		1/9/26 1155
	1/9/26 1155		1/9/26 1155
	1/9/26 1715		

Form No. TR-02 Rev. (25-Sep-15)

AIR ANALYSIS

PAGE 2 OF 2

Pace ANALYTICAL SERVICES — CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 01/09/26

Pace® Job #: L2602170

Client Information

Client: GEI Consultants
Address: 100 Quannapowitt Pkwy, Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
Pace® Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☒

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Non-Petroleum HCs	Fixed Gases ☐	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
-11	045163-60TUFTS4-SS2	1/8/26	0805	0905	-30.13	-6.82	SV	~~CED~~ NMT	2.7L	3894	01453	X					See attached list of analytes
-12	045163-60TUFTS-SS1	1/8/26	0925	1025	-30.28	-5.61	SV	CED	2.7L	2938	0830	X					
-13	045163-60TUFTS-STORAGES-SS2	1/8/26	0930	1030	-30.22	-5.78	SV	CED	2.7L	3005	01085	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Procopio	1/8/26, 11:30	GEI Sample Room	1/8/26, 11:30
Sample Room	1/9/26 1155		1/9/26 1155
	1/9/26 1155		1/9/26 1155
PACE	1/9/26 1215		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

Indoor Air Sampling Analyte List

- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

LAB NAME: Pace

LAB PICK-UP DATE: 1/9

PROJECT NAME: Tuft 57.

PROJECT NUMBER: 045163.

NUMBER OF BOTTLES:

COOLER 1 OF 3

LAB NAME:

Pace

LAB PICK-UP DATE:

1/9/25

PROJECT NAME:

Tuft St

PROJECT NUMBER:

045163

NUMBER OF BOTTLES:

COOLER 2 OF 3

LAB NAME: ~~[illegible]~~ Pace

LAB PICK-UP DATE: 1/9

PROJECT NAME: Tuft St

PROJECT NUMBER: 045163

NUMBER OF BOTTLES:

COOLER 3 OF 3

Sample Delivery Group Summary

Pace Job Number : L2602170

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 09-JAN-2026
Reviewer : Jennifer Jerome

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels? L2602170-12: Can ID 2938 vs. Can ID 3928	**YES**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2603849
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	02/03/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2603849
Report Date: 02/03/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2603849-01	045163-25TUFTS-B	AIR	SOMERVILLE, MA	01/20/26 09:05	01/21/26
L2603849-02	045163-25TUFTS-1	AIR	SOMERVILLE, MA	01/20/26 09:10	01/21/26

Project Name:	TUFTS STREET	**Lab Number:**	L2603849
Project Number:	045163	**Report Date:**	02/03/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	YES
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2603849
Project Number:	045163	**Report Date:**	02/03/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2603849
Report Date: 02/03/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on January 9, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 02/03/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2603849
Report Date: 02/03/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2603849
Report Date: 02/03/26

SAMPLE RESULTS

Lab ID: L2603849-01
Client ID: 045163-25TUFTS-B
Sample Location: SOMERVILLE, MA

Date Collected: 01/20/26 09:05
Date Received: 01/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/02/26 19:26
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.021	0.020	--	0.142	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	90		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2603849
Report Date: 02/03/26

SAMPLE RESULTS

Lab ID: L2603849-02
Client ID: 045163-25TUFTS-1
Sample Location: SOMERVILLE, MA

Date Collected: 01/20/26 09:10
Date Received: 01/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/02/26 19:59
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.031	0.020	--	0.210	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	90		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	92		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2603849
Report Date: 02/03/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 02/02/26 15:27

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-02 Batch: WG2171470-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2603849
Report Date: 02/03/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2171470-3								
Vinyl chloride	98		-		70-130	-		
1,1-Dichloroethene	124		-		70-130	-		
trans-1,2-Dichloroethene	109		-		70-130	-		
1,1-Dichloroethane	109		-		70-130	-		
cis-1,2-Dichloroethene	100		-		70-130	-		
1,1,1-Trichloroethane	105		-		70-130	-		
Trichloroethene	103		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Tetrachloroethene	104		-		70-130	-		
1,1,2,2-Tetrachloroethane	107		-		70-130	-		

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2603849

Report Date: 02/03/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2603849-01	045163-25TUFTS-B	02793	Flow 5	01/09/26	551188		-	-	-	Pass	3.0	3.0	0
L2603849-01	045163-25TUFTS-B	5149	6.0L Can	01/09/26	551188	L2600022-03	Pass	-29.7	-9.1	-	-	-	-
L2603849-02	045163-25TUFTS-1	02929	Flow 5	01/09/26	551188		-	-	-	Pass	3.0	3.0	0
L2603849-02	045163-25TUFTS-1	5958	6.0L TO Can	01/09/26	551188	L2600588-05	Pass	-29.9	-10.3	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/03/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/04/26 03:40
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/03/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/03/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/03/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2600022

Project Number: CANISTER QC BAT **Report Date:** 02/03/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	82		60-140
Bromochloromethane	108		60-140
chlorobenzene-d5	81		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/03/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/04/26 03:40
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2600022
Report Date: 02/03/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2600022

Project Number: CANISTER QC BAT **Report Date:** 02/03/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	77		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/03/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/08/26 05:11
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/03/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/03/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/03/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2600588

Project Number: CANISTER QC BAT **Report Date:** 02/03/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/03/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/08/26 05:11
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/03/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/03/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	109		60-140
bromochloromethane	110		60-140
chlorobenzene-d5	109		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2603849
Report Date: 02/03/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2603849-01A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		MCP-TO15-SIM(30)
L2603849-02A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2603849
Project Number:	045163	**Report Date:**	02/03/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2603849
Project Number:	045163	**Report Date:**	02/03/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2603849
Project Number:	045163	**Report Date:**	02/03/26

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2603849
Report Date: 02/03/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 1/21/26

ALPHA Job #: L2603849

Client Information

Client: GEI Consultants Inc.
Address: 100 Quannapowitt Parkway
Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☒

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum VOCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
03849-01	045163-25TUFTS-B	1/20/26	9:05	9:05	-29.82	-10.49	AA	NMT	6 L	5149	02793	X					see attached list of analytes
-02	045163-25TUFTS-1	1/20/26	9:10	9:10	-30.11	-11.09	AA	NMT	6 L	5958	02929	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Truocolo	1/20/26, 15:15	GEI Fieldroom	1/20/26, 15:15
Matthew Cuff GEI	1/21/26 1245	Cuff GEI	1/21/26 1745
Fabian Mendoza ASL	1/21/26 1770	Fabian Mendoza ASL	1/21/26 1730

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

Fabian Mendoza ASL 1/21/26 2115

Hobby Cuff 1/21/26 2110

Indoor Air Sampling Analyte List

- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Sample Delivery Group Summary

Pace Job Number : L2603849

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 21-JAN-2026
Reviewer : Jennifer Jerome

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
N/A	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2603932
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	01/27/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2603932
Report Date: 01/27/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2603932-01	045163-19TUFTS-1	AIR	SOMERVILLE, MA	01/15/26 09:00	01/16/26
L2603932-02	045163-19TUFTS-B	AIR	SOMERVILLE, MA	01/15/26 09:05	01/16/26

Project Name: TUFTS STREET **Lab Number:** L2603932

Project Number: 045163 **Report Date:** 01/27/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2603932
Project Number:	045163	**Report Date:**	01/27/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2603932
Report Date: 01/27/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on January 9, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 01/27/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2603932
Report Date: 01/27/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2603932
Report Date: 01/27/26

SAMPLE RESULTS

Lab ID: L2603932-01
Client ID: 045163-19TUFTS-1
Sample Location: SOMERVILLE, MA

Date Collected: 01/15/26 09:00
Date Received: 01/16/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/25/26 14:14
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.164	0.020	--	1.11	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	101		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	108		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2603932
Report Date: 01/27/26

SAMPLE RESULTS

Lab ID: L2603932-02
Client ID: 045163-19TUFTS-B
Sample Location: SOMERVILLE, MA

Date Collected: 01/15/26 09:05
Date Received: 01/16/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 01/25/26 14:47
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.569	0.020	--	3.86	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	102		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	110		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2603932
Report Date: 01/27/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 01/25/26 12:01

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-02 Batch: WG2168952-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	0.027	0.020	--	0.107	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2603932
Report Date: 01/27/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2168952-3								
Vinyl chloride	97		-		70-130	-		
1,1-Dichloroethene	102		-		70-130	-		
trans-1,2-Dichloroethene	99		-		70-130	-		
1,1-Dichloroethane	99		-		70-130	-		
cis-1,2-Dichloroethene	100		-		70-130	-		
1,1,1-Trichloroethane	98		-		70-130	-		
Trichloroethene	99		-		70-130	-		
1,1,2-Trichloroethane	102		-		70-130	-		
Tetrachloroethene	110		-		70-130	-		
1,1,2,2-Tetrachloroethane	115		-		70-130	-		

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2603932

Report Date: 01/27/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2603932-01	045163-19TUFTS-1	02439	Flow 5	01/09/26	551188		-	-	-	Pass	3.0	3.0	0
L2603932-01	045163-19TUFTS-1	1702	6.0L Can	01/09/26	551188	L2600143-08	Pass	-29.7	-11.3	-	-	-	-
L2603932-02	045163-19TUFTS-B	02749	Flow 5	01/09/26	551188		-	-	-	Pass	3.0	3.1	3
L2603932-02	045163-19TUFTS-B	1665	6.0L Can	01/09/26	551188	L2600143-08	Pass	-29.9	-10.8	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600143
Report Date: 01/27/26

Air Canister Certification Results

Lab ID: L2600143-08
Client ID: CAN 993 SHELF 137
Sample Location:

Date Collected: 01/05/26 15:02
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/07/26 07:11
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600143
Report Date: 01/27/26

Air Canister Certification Results

Lab ID: L2600143-08
Client ID: CAN 993 SHELF 137
Sample Location:

Date Collected: 01/05/26 15:02
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600143
Report Date: 01/27/26

Air Canister Certification Results

Lab ID: L2600143-08
Client ID: CAN 993 SHELF 137
Sample Location:

Date Collected: 01/05/26 15:02
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600143
Report Date: 01/27/26

Air Canister Certification Results

Lab ID: L2600143-08
Client ID: CAN 993 SHELF 137
Sample Location:

Date Collected: 01/05/26 15:02
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600143
Report Date: 01/27/26

Air Canister Certification Results

Lab ID: L2600143-08
Client ID: CAN 993 SHELF 137
Sample Location:

Date Collected: 01/05/26 15:02
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600143
Report Date: 01/27/26

Air Canister Certification Results

Lab ID: L2600143-08
Client ID: CAN 993 SHELF 137
Sample Location:

Date Collected: 01/05/26 15:02
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/07/26 07:11
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2600143
Report Date: 01/27/26

Air Canister Certification Results

Lab ID: L2600143-08
Client ID: CAN 993 SHELF 137
Sample Location:

Date Collected: 01/05/26 15:02
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600143
Report Date: 01/27/26

Air Canister Certification Results

Lab ID: L2600143-08
Client ID: CAN 993 SHELF 137
Sample Location:

Date Collected: 01/05/26 15:02
Date Received: 01/05/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	92		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2603932
Report Date: 01/27/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2603932-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2603932-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2603932
Project Number:	045163	**Report Date:**	01/27/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2603932
Project Number:	045163	**Report Date:**	01/27/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2603932
Project Number:	045163	**Report Date:**	01/27/26

Data Qualifiers

ND	- Not detected at the reporting limit (RL) for the sample.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
Q	- The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
R	- Analytical results are from sample re-analysis.
RE	- Analytical results are from sample re-extraction.
S	- Analytical results are from modified screening analysis.
V	- The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
Z	- The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2603932
Report Date: 01/27/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 01/16/26

ALPHA Job #: L26003932

Client Information

Client: GEI Consultants Inc.
Address: 100 Quannapowitt Parkway
Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☒

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
03932-01	045163-19Tufts-1	1/15/26	9:00	9:00	-29.85	-11.16	AA	NMT	6 L	1702	02437	X						See attached list of analytes
-02	045163-19Tufts-B	1/15/26	9:05	9:05	-29.64	-10.59	AA	NMT	6 L	1665	02749	X						

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Avoccolo	1/15/26, 10:30	GEI Sample Room	1/15/26, 10:30
GEI Sample Room	1/16/26 11:15	K. Santiago	1/16/26, 11:15
K. Santiago	1/16/26 #15	[illegible]	1/16/26 1115
[illegible]	1/16/25 1310	[illegible] pas	1/16/26 1440 [illegible] pas 1/16/26 1645

Form No: 101-02 Rev: (25-Sep-15)

Indoor Air Sampling Analyte List

- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Sample Delivery Group Summary

Pace Job Number : L2603932

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 16-JAN-2026
Reviewer : Evan Rezendes

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels? L2603932-01: FC02437 vs. FC02439	**YES**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2605269
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	02/04/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2605269
Report Date: 02/04/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2605269-01	045163-17KNOW-B	AIR	SOMERVILLE, MA	01/28/26 09:07	01/29/26
L2605269-02	045163-17KNOW-1	AIR	SOMERVILLE, MA	01/28/26 09:15	01/29/26

Project Name: TUFTS STREET **Lab Number:** L2605269

Project Number: 045163 **Report Date:** 02/04/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2605269
Project Number:	045163	**Report Date:**	02/04/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2605269
Report Date: 02/04/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on January 9, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 02/04/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2605269
Report Date: 02/04/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2605269
Report Date: 02/04/26

SAMPLE RESULTS

Lab ID: L2605269-01
Client ID: 045163-17KNOW-B
Sample Location: SOMERVILLE, MA

Date Collected: 01/28/26 09:07
Date Received: 01/29/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/04/26 03:11
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.031	0.020	--	0.210	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2605269
Report Date: 02/04/26

SAMPLE RESULTS

Lab ID: L2605269-02
Client ID: 045163-17KNOW-1
Sample Location: SOMERVILLE, MA

Date Collected: 01/28/26 09:15
Date Received: 01/29/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/04/26 03:55
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.028	0.020	--	0.190	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2605269
Report Date: 02/04/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 02/03/26 15:57

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-02 Batch: WG2171903-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2605269
Report Date: 02/04/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2171903-3								
Vinyl chloride	97		-		70-130	-		
1,1-Dichloroethene	104		-		70-130	-		
trans-1,2-Dichloroethene	109		-		70-130	-		
1,1-Dichloroethane	103		-		70-130	-		
cis-1,2-Dichloroethene	103		-		70-130	-		
1,1,1-Trichloroethane	97		-		70-130	-		
Trichloroethene	102		-		70-130	-		
1,1,2-Trichloroethane	109		-		70-130	-		
Tetrachloroethene	111		-		70-130	-		
1,1,2,2-Tetrachloroethane	122		-		70-130	-		

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2605269

Report Date: 02/04/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2605269-01	045163-17KNOW-B	02868	Flow 5	01/09/26	551188		-	-	-	Pass	3.0	3.1	3
L2605269-01	045163-17KNOW-B	4871	6.0L Can	01/09/26	551188	L2600022-02	Pass	-29.7	-9.7	-	-	-	-
L2605269-02	045163-17KNOW-1	0359	Flow 5	01/09/26	551188		-	-	-	Pass	3.0	3.2	6
L2605269-02	045163-17KNOW-1	1540	6.0L Can	01/09/26	551188	L2600588-05	Pass	-29.9	-9.4	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/04/26

Air Canister Certification Results

Lab ID: L2600022-02
Client ID: CAN 2956 SHELF 88
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/04/26 03:02
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/04/26

Air Canister Certification Results

Lab ID: L2600022-02
Client ID: CAN 2956 SHELF 88
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/04/26

Air Canister Certification Results

Lab ID: L2600022-02
Client ID: CAN 2956 SHELF 88
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/04/26

Air Canister Certification Results

Lab ID: L2600022-02
Client ID: CAN 2956 SHELF 88
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2600022

Project Number: CANISTER QC BAT **Report Date:** 02/04/26

Air Canister Certification Results

Lab ID: L2600022-02
Client ID: CAN 2956 SHELF 88
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	78		60-140
Bromochloromethane	105		60-140
chlorobenzene-d5	79		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2600022
Report Date: 02/04/26

Air Canister Certification Results

Lab ID: L2600022-02
Client ID: CAN 2956 SHELF 88
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/04/26 03:02
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/04/26

Air Canister Certification Results

Lab ID: L2600022-02
Client ID: CAN 2956 SHELF 88
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/04/26

Air Canister Certification Results

Lab ID: L2600022-02
Client ID: CAN 2956 SHELF 88
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	74		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	85		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/04/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/08/26 05:11
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/04/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/04/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/04/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2600588

Project Number: CANISTER QC BAT **Report Date:** 02/04/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2600588

Project Number: CANISTER QC BAT **Report Date:** 02/04/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/08/26 05:11
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2600588
Report Date: 02/04/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/04/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	109		60-140
bromochloromethane	110		60-140
chlorobenzene-d5	109		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2605269
Report Date: 02/04/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2605269-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2605269-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2605269
Project Number:	045163	**Report Date:**	02/04/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2605269
Project Number:	045163	**Report Date:**	02/04/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2605269
Project Number:	045163	**Report Date:**	02/04/26

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2605269
Report Date: 02/04/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 1/29/26

ALPHA Job #: L2605269

Client Information

Client: GEI Consultants Inc.
Address: 100 Quannapowitt Parkway
Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☒

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
05269-01	045163-17KNOW-B	1/28/26	9:07	9:07	-30.61	-10.26	AA	NMT	6 L	4871	02868	X					see attached list of analytes
-02	045163-17KNOW-1	1/28/26	9:15	9:15	-31.30	-10.80	AA	NMT	6 L	1540	0359	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Tuoccolo	1/28/26, 10:45	GEI Fieldroom	1/28/26, 10:45
[illegible]	1/29/26 1220	[illegible] 1-29-26	1220
[illegible] 1-29-26	1710	pas	1/27/26 1930
pas	1/29/26 2110	[illegible]	1/29/26 2110

Form No: 101-02 Rev: (25-Sep-15)

Indoor Air Sampling Analyte List

- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Sample Delivery Group Summary

Pace Job Number : L2605269

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 29-JAN-2026
Reviewer : Evan Rezendes

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2605271
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	02/05/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2605271
Report Date: 02/05/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2605271-01	045163-166GLEN-F1	AIR	SOMERVILLE, MA	01/28/26 08:40	01/29/26
L2605271-02	045163-166GLEN-B1	AIR	SOMERVILLE, MA	01/28/26 08:55	01/29/26

Project Name: TUFTS STREET **Lab Number:** L2605271

Project Number: 045163 **Report Date:** 02/05/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2605271
Project Number:	045163	**Report Date:**	02/05/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: TUFTS STREET **Lab Number:** L2605271
Project Number: 045163 **Report Date:** 02/05/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on January 9, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

Sample Receipt

The sample designated 045163-166GLEN-B1 (L2605271-02) was received at an elevated final pressure, the analysis of the sample was canceled by the client.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 02/05/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2605271
Report Date: 02/05/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2605271
Report Date: 02/05/26

SAMPLE RESULTS

Lab ID: L2605271-01
Client ID: 045163-166GLEN-F1
Sample Location: SOMERVILLE, MA

Date Collected: 01/28/26 08:40
Date Received: 01/29/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/04/26 04:47
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.232	0.020	--	1.57	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	97		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2605271
Report Date: 02/05/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 02/03/26 15:57

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01 Batch: WG2171903-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2605271
Report Date: 02/05/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01 Batch: WG2171903-3								
Vinyl chloride	97		-		70-130	-		
1,1-Dichloroethene	104		-		70-130	-		
trans-1,2-Dichloroethene	109		-		70-130	-		
1,1-Dichloroethane	103		-		70-130	-		
cis-1,2-Dichloroethene	103		-		70-130	-		
1,1,1-Trichloroethane	97		-		70-130	-		
Trichloroethene	102		-		70-130	-		
1,1,2-Trichloroethane	109		-		70-130	-		
Tetrachloroethene	111		-		70-130	-		
1,1,2,2-Tetrachloroethane	122		-		70-130	-		

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2605271

Report Date: 02/05/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2605271-01	045163-166GLEN-F1	02813	Flow 5	01/09/26	551188		-	-	-	Pass	3.0	3.3	10
L2605271-01	045163-166GLEN-F1	5150	6.0L Can	01/09/26	551188	L2600588-05	Pass	-29.9	-12.5	-	-	-	-
L2605271-02	045163-166GLEN-B1	02878	Flow 5	01/09/26	551188		-	-	-	Pass	3.0	3.2	6
L2605271-02	045163-166GLEN-B1	1808	6.0L Can	01/09/26	551188	L2600588-05	Pass	-29.9	-26.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/05/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/08/26 05:11
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/05/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2600588
Report Date: 02/05/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/05/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2600588

Project Number: CANISTER QC BAT **Report Date:** 02/05/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2600588

Project Number: CANISTER QC BAT **Report Date:** 02/05/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/08/26 05:11
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/05/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600588
Report Date: 02/05/26

Air Canister Certification Results

Lab ID: L2600588-05
Client ID: CAN 3393 SHELF 115
Sample Location:

Date Collected: 01/07/26 10:21
Date Received: 01/07/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	109		60-140
bromochloromethane	110		60-140
chlorobenzene-d5	109		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2605271
Report Date: 02/05/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2605271-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2605271-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		CANCELLED()

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2605271
Project Number:	045163	**Report Date:**	02/05/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2605271
Project Number:	045163	**Report Date:**	02/05/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2605271
Project Number:	045163	**Report Date:**	02/05/26

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2605271
Report Date: 02/05/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 1/29/26

ALPHA Job #: L2605271 (71) NC

Client Information

Client: GEI Consultants Inc.
Address: 100 Quannapowitt Parkway
Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
Other Formats: _____
☒ EMAIL (standard pdf report)
☐ Additional Deliverables: _____
Report to: (if different than Project Manager) _____

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☒

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
~~05264~~ -01	045163-166GLEN-F1	1/28/26	8:40	8:40	-30.54	-12.76	AA	NMT	6 L	5150	02813	X					see attached list of analytes
05271 -02	045163-166GLEN-B1	1/28/26	8:45	8:55	-29.83	-27.04	AA	NMT	6 L	1808	02878	X					Held for Pressure check

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Imoccolo	1/28/26, 10:45	GEI Fieldroom	1/28/26, 10:45
[illegible]	1/29/26 1220	[illegible] 1-29-26	1220
[illegible] 1-29-26	1710	[illegible] pas	1/29/26 1930
[illegible] pas	1/29/26 2105	[illegible]	1/29/26 2110

Form No: 101-02 Rev: (25-Sep-15)

Indoor Air Sampling Analyte List

- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Sample Delivery Group Summary

Pace Job Number : L2605271

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 29-JAN-2026
Reviewer : Evan Rezendes

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2607028
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	02/12/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607028
Report Date: 02/12/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2607028-01	045163-31TUFT-IA-3	AIR	SOMMERVILLE, MA	02/06/26 10:16	02/09/26
L2607028-02	045163-31TUFT-IA-2	AIR	SOMMERVILLE, MA	02/06/26 10:20	02/09/26
L2607028-03	045163-31TUFT-IA-4	AIR	SOMMERVILLE, MA	02/06/26 10:29	02/09/26
L2607028-04	045163-31TUFT-IA-5	AIR	SOMMERVILLE, MA	02/06/26 10:25	02/09/26
L2607028-05	045163-31TUFT-SV-1	SOIL_VAPOR	SOMMERVILLE, MA	02/06/26 11:46	02/09/26
L2607028-06	045163-31TUFT-SV-2	SOIL_VAPOR	SOMMERVILLE, MA	02/06/26 11:50	02/09/26

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607028
Report Date: 02/12/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2607028
Project Number:	045163	**Report Date:**	02/12/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607028
Report Date: 02/12/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on January 29, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 02/12/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607028
Report Date: 02/12/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607028
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607028-01
Client ID: 045163-31TUFT-IA-3
Sample Location: SOMMERVILLE, MA

Date Collected: 02/06/26 10:16
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 18:09
Analyst: RAY

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.101	0.020	--	0.685	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	102		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607028
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607028-02
Client ID: 045163-31TUFT-IA-2
Sample Location: SOMMERVILLE, MA

Date Collected: 02/06/26 10:20
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 18:52
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.026	0.020	--	0.176	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	99		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	104		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607028
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607028-03
Client ID: 045163-31TUFT-IA-4
Sample Location: SOMMERVILLE, MA

Date Collected: 02/06/26 10:29
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 19:35
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.020	0.020	--	0.136	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	98		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	103		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607028
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607028-04
Client ID: 045163-31TUFT-IA-5
Sample Location: SOMMERVILLE, MA

Date Collected: 02/06/26 10:25
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 20:15
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.030	0.020	--	0.203	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	99		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	103		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607028
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607028-05
Client ID: 045163-31TUFT-SV-1
Sample Location: SOMMERVILLE, MA

Date Collected: 02/06/26 11:46
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/12/26 01:45
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	2.82	0.020	--	15.4	0.109	--		1
Trichloroethene	0.614	0.020	--	3.30	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	11.8	0.020	--	80.0	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	109		60-140
bromochloromethane	115		60-140
chlorobenzene-d5	114		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607028
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607028-06
Client ID: 045163-31TUFT-SV-2
Sample Location: SOMMERVILLE, MA

Date Collected: 02/06/26 11:50
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/12/26 02:26
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	0.583	0.020	--	3.18	0.109	--		1
Trichloroethene	0.639	0.020	--	3.43	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	9.64	0.020	--	65.4	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	107		60-140
bromochloromethane	108		60-140
chlorobenzene-d5	112		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607028
Report Date: 02/12/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 17:29

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-06 Batch: WG2174718-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607028
Report Date: 02/12/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-06 Batch: WG2174718-3								
Vinyl chloride	96		-		70-130	-		
1,1-Dichloroethene	109		-		70-130	-		
trans-1,2-Dichloroethene	115		-		70-130	-		
1,1-Dichloroethane	112		-		70-130	-		
cis-1,2-Dichloroethene	109		-		70-130	-		
1,1,1-Trichloroethane	101		-		70-130	-		
Trichloroethene	106		-		70-130	-		
1,1,2-Trichloroethane	115		-		70-130	-		
Tetrachloroethene	116		-		70-130	-		
1,1,2,2-Tetrachloroethane	125		-		70-130	-		

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2607028

Report Date: 02/12/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2607028-01	045163-31TUFT-IA-3	0875	Flow 5	01/29/26	553994		-	-	-	Pass	3.1	2.6	18
L2607028-01	045163-31TUFT-IA-3	4358	6.0L Can	01/29/26	553994	L2604652-02	Pass	-29.1	-6.9	-	-	-	-
L2607028-02	045163-31TUFT-IA-2	02775	Flow 5	01/29/26	553994		-	-	-	Pass	3.1	3.0	3
L2607028-02	045163-31TUFT-IA-2	5251	6.0L Can	01/29/26	553994	L2604652-01	Pass	-29.1	-8.1	-	-	-	-
L2607028-03	045163-31TUFT-IA-4	02904	Flow 5	01/29/26	553994		-	-	-	Pass	3.0	3.1	3
L2607028-03	045163-31TUFT-IA-4	5476	6.0L Can	01/29/26	553994	L2604652-01	Pass	-29.1	-9.3	-	-	-	-
L2607028-04	045163-31TUFT-IA-5	02943	Flow 5	01/29/26	553994		-	-	-	Pass	3.2	3.1	3
L2607028-04	045163-31TUFT-IA-5	5504	6.0L TO Can	01/29/26	553994	L2604652-02	Pass	-29.2	-7.8	-	-	-	-
L2607028-05	045163-31TUFT-SV-1	01396	Flow 2	01/29/26	553994		-	-	-	Pass	36.5	37.5	3
L2607028-05	045163-31TUFT-SV-1	451	2.7L Can	01/29/26	553994	L2604121-04	Pass	-29.1	-5.1	-	-	-	-
L2607028-06	045163-31TUFT-SV-2	02069	Flow 2	01/29/26	553994		-	-	-	Pass	35.9	38.4	7
L2607028-06	045163-31TUFT-SV-2	3031	2.7L Can	01/29/26	553994	L2604121-04	Pass	-29.1	-4.3	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2604121

Project Number: CANISTER QC BAT **Report Date:** 02/12/26

Air Canister Certification Results

Lab ID: L2604121-04
Client ID: CAN 239 SHELF 8
Sample Location:

Date Collected: 01/22/26 14:00
Date Received: 01/22/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/22/26 23:10
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	0.697	0.500	--	1.26	0.902	--	B	1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604121
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604121-04
Client ID: CAN 239 SHELF 8
Sample Location:

Date Collected: 01/22/26 14:00
Date Received: 01/22/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604121
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604121-04
Client ID: CAN 239 SHELF 8
Sample Location:

Date Collected: 01/22/26 14:00
Date Received: 01/22/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604121
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604121-04
Client ID: CAN 239 SHELF 8
Sample Location:

Date Collected: 01/22/26 14:00
Date Received: 01/22/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2604121

Project Number: CANISTER QC BAT **Report Date:** 02/12/26

Air Canister Certification Results

Lab ID: L2604121-04
Client ID: CAN 239 SHELF 8
Sample Location:

Date Collected: 01/22/26 14:00
Date Received: 01/22/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2604121

Project Number: CANISTER QC BAT **Report Date:** 02/12/26

Air Canister Certification Results

Lab ID: L2604121-04
Client ID: CAN 239 SHELF 8
Sample Location:

Date Collected: 01/22/26 14:00
Date Received: 01/22/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/22/26 23:10
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2604121
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604121-04
Client ID: CAN 239 SHELF 8
Sample Location:

Date Collected: 01/22/26 14:00
Date Received: 01/22/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604121
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604121-04
Client ID: CAN 239 SHELF 8
Sample Location:

Date Collected: 01/22/26 14:00
Date Received: 01/22/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	98		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	100		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/25/26 13:28
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2604652

Project Number: CANISTER QC BAT **Report Date:** 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2604652

Project Number: CANISTER QC BAT **Report Date:** 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	103		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2604652

Project Number: CANISTER QC BAT **Report Date:** 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/25/26 13:28
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	103		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	104		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-02
Client ID: CAN 2978 SHELF 103
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/25/26 14:04
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-02
Client ID: CAN 2978 SHELF 103
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-02
Client ID: CAN 2978 SHELF 103
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2604652

Project Number: CANISTER QC BAT **Report Date:** 02/12/26

Air Canister Certification Results

Lab ID: L2604652-02
Client ID: CAN 2978 SHELF 103
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2604652

Project Number: CANISTER QC BAT **Report Date:** 02/12/26

Air Canister Certification Results

Lab ID: L2604652-02
Client ID: CAN 2978 SHELF 103
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	104		60-140
Bromochloromethane	107		60-140
chlorobenzene-d5	103		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2604652

Project Number: CANISTER QC BAT **Report Date:** 02/12/26

Air Canister Certification Results

Lab ID: L2604652-02
Client ID: CAN 2978 SHELF 103
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/25/26 14:04
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-02
Client ID: CAN 2978 SHELF 103
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-02
Client ID: CAN 2978 SHELF 103
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	105		60-140
bromochloromethane	107		60-140
chlorobenzene-d5	103		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607028
Report Date: 02/12/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2607028-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2607028-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2607028-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2607028-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2607028-05A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2607028-06A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2607028
Project Number:	045163	**Report Date:**	02/12/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2607028
Project Number:	045163	**Report Date:**	02/12/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2607028
Project Number:	045163	**Report Date:**	02/12/26

Data Qualifiers

ND	- Not detected at the reporting limit (RL) for the sample.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
Q	- The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
R	- Analytical results are from sample re-analysis.
RE	- Analytical results are from sample re-extraction.
S	- Analytical results are from modified screening analysis.
V	- The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
Z	- The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607028
Report Date: 02/12/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 02/09/26

Pace® Job #: L2607028

Client Information

Client: GEI Consultants Inc.
Address: 100 Quannapowitt PKwy
Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
Pace® Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☒

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
07028-01	045163-3|TUFT-IA-3	2/6/26	10:16	10:16	-30.61	-7.31	AA	NMT	6L	4358	08275	X					See attached analyte list
-02	045163-3|TUFT-IA-2		10:20	10:20	-30.29	-7.99	AA	NMT	6L	5251	02775	X					
-03	045163-3|TUFT-IA-4		10:29	10:29	-30.32	-9.55	AA	NMT	6L	5476	02904	X					
-04	045163-3|TUFT-IA-5		10:25	10:25	-30.36	-7.66	AA	NMT	6L	5504	02943	X					
-05	045163-3|TUFT-SV-1		10:46	11:46	-29.92	-5.03	SV	NMT	2.7L	451	01386	X					
-06	045163-3|TUFT-SV-2		10:50	11:50	-30.25	-5.22	SV	NMT	2.7L	3031	02069	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Procaccio	2/6/26 13:15	GEI Sample Room	2/6/26, 13:15
	2/9/26 1230		2/9/26 1230
PACE	2/9/26 1705	Ye Nais PACE	2/9/26 18:30
Ye Nais PACE	2/9/26 20:15		02/09/26 2015

Form No: 101-02 Rev: (25-Sep-15)

Indoor Air Sampling Analyte List

- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Sample Delivery Group Summary

Pace Job Number : L2607028

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 09-FEB-2026
Reviewer : Evan Rezendes

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2607029
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	02/12/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607029
Report Date: 02/12/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2607029-01	045163-162-164-GLEN-B	AIR	SOMERVILLE, MA	02/06/26 11:08	02/09/26
L2607029-02	045163-162-164-GLEN-1	AIR	SOMERVILLE, MA	02/06/26 11:15	02/09/26

Project Name: TUFTS STREET **Lab Number:** L2607029

Project Number: 045163 **Report Date:** 02/12/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2607029
Project Number:	045163	**Report Date:**	02/12/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607029
Report Date: 02/12/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on January 29, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 02/12/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607029
Report Date: 02/12/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607029
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607029-01
Client ID: 045163-162-164-GLEN-B
Sample Location: SOMERVILLE, MA

Date Collected: 02/06/26 11:08
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 20:56
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.030	0.020	--	0.203	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	98		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	104		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607029
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607029-02
Client ID: 045163-162-164-GLEN-1
Sample Location: SOMERVILLE, MA

Date Collected: 02/06/26 11:15
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 21:36
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.023	0.020	--	0.156	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	98		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	105		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607029
Report Date: 02/12/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 17:29

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-02 Batch: WG2174718-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607029
Report Date: 02/12/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2174718-3								
Vinyl chloride	96		-		70-130	-		
1,1-Dichloroethene	109		-		70-130	-		
trans-1,2-Dichloroethene	115		-		70-130	-		
1,1-Dichloroethane	112		-		70-130	-		
cis-1,2-Dichloroethene	109		-		70-130	-		
1,1,1-Trichloroethane	101		-		70-130	-		
Trichloroethene	106		-		70-130	-		
1,1,2-Trichloroethane	115		-		70-130	-		
Tetrachloroethene	116		-		70-130	-		
1,1,2,2-Tetrachloroethane	125		-		70-130	-		

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2607029

Report Date: 02/12/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2607029-01	045163-162-164-GLEN-B	02985	Flow 5	01/29/26	553994		-	-	-	Pass	3.2	3.1	3
L2607029-01	045163-162-164-GLEN-B	655	6.0L Can	01/29/26	553994	L2604652-01	Pass	-29.1	-6.6	-	-	-	-
L2607029-02	045163-162-164-GLEN-1	02983	Flow 5	01/29/26	553994		-	-	-	Pass	3.0	3.1	3
L2607029-02	045163-162-164-GLEN-1	5540	6.0L TO Can	01/29/26	553994	L2604652-01	Pass	-29.2	-8.1	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/25/26 13:28
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	103		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2604652

Project Number: CANISTER QC BAT **Report Date:** 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/25/26 13:28
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	103		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	104		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607029
Report Date: 02/12/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2607029-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2607029-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2607029
Project Number:	045163	**Report Date:**	02/12/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2607029
Project Number:	045163	**Report Date:**	02/12/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2607029
Project Number:	045163	**Report Date:**	02/12/26

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607029
Report Date: 02/12/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 02/09/26

Pace® Job #: L2607029

Client Information

Client: GEI Consultants Inc.
Address: 100 Quannapowitt Pkwy, Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
Pace® Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☒

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
07029-01	045163-162-164-GLEN-B	2/6/26	11:08	11:08	-30.64	-7.66	AA	NMT	6L	655	02985	X					See attached analyte list 1
-02	045163-162-164-GLEN-1	2/6/26	11:15	11:15	-29.89	-8.28	AA	NMT	6L	5540	02983	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Finocchio	2/6/26 13:15	GEI Sample Room	2/6/26 13:15
	2/9/26 1230	PACE	2/9/26 1230
PACE	2/9/26 1705	Steven PACE	2/9/26 18:30
Steven PACE	2/9/26 20:15	Isabel Quantin	02/09/26 2015

Indoor Air Sampling Analyte List

- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Sample Delivery Group Summary

Pace Job Number : L2607029

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 09-FEB-2026
Reviewer : Evan Rezendes

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2607030
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	02/12/26

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120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607030
Report Date: 02/12/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2607030-01	045163-166GLEN-B1	AIR	SOMERVILLE, MA	02/06/26 08:35	02/09/26

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607030
Report Date: 02/12/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2607030
Project Number:	045163	**Report Date:**	02/12/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607030
Report Date: 02/12/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on January 29, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 02/12/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607030
Report Date: 02/12/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607030
Report Date: 02/12/26

SAMPLE RESULTS

Lab ID: L2607030-01
Client ID: 045163-166GLEN-B1
Sample Location: SOMERVILLE, MA

Date Collected: 02/06/26 08:35
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 22:19
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.106	0.020	--	0.719	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	95		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607030
Report Date: 02/12/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 02/11/26 17:29

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01 Batch: WG2174718-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607030
Report Date: 02/12/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01 Batch: WG2174718-3								
Vinyl chloride	96		-		70-130	-		
1,1-Dichloroethene	109		-		70-130	-		
trans-1,2-Dichloroethene	115		-		70-130	-		
1,1-Dichloroethane	112		-		70-130	-		
cis-1,2-Dichloroethene	109		-		70-130	-		
1,1,1-Trichloroethane	101		-		70-130	-		
Trichloroethene	106		-		70-130	-		
1,1,2-Trichloroethane	115		-		70-130	-		
Tetrachloroethene	116		-		70-130	-		
1,1,2,2-Tetrachloroethane	125		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607030
Report Date: 02/12/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01 QC Batch ID: WG2174718-5 QC Sample: L2607030-01 Client ID: 045163-166GLEN-B1						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Tetrachloroethene	0.106	0.105	ppbV	1		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2607030

Report Date: 02/12/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2607030-01	045163-166GLEN-B1	02741	Flow 5	01/29/26	554456		-	-	-	Pass	2.9	2.8	4
L2607030-01	045163-166GLEN-B1	3486	6.0L Can	01/29/26	554456	L2604643-02	Pass	-29.1	-9.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604643
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604643-02
Client ID: CAN 963 SHELF 113
Sample Location:

Date Collected: 01/23/26 21:00
Date Received: 01/24/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/24/26 23:53
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	0.637	0.500	--	1.15	0.902	--	B	1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2604643
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604643-02
Client ID: CAN 963 SHELF 113
Sample Location:

Date Collected: 01/23/26 21:00
Date Received: 01/24/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2604643
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604643-02
Client ID: CAN 963 SHELF 113
Sample Location:

Date Collected: 01/23/26 21:00
Date Received: 01/24/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604643
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604643-02
Client ID: CAN 963 SHELF 113
Sample Location:

Date Collected: 01/23/26 21:00
Date Received: 01/24/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2604643

Project Number: CANISTER QC BAT **Report Date:** 02/12/26

Air Canister Certification Results

Lab ID: L2604643-02
Client ID: CAN 963 SHELF 113
Sample Location:

Date Collected: 01/23/26 21:00
Date Received: 01/24/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604643
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604643-02
Client ID: CAN 963 SHELF 113
Sample Location:

Date Collected: 01/23/26 21:00
Date Received: 01/24/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/24/26 23:53
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2604643
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604643-02
Client ID: CAN 963 SHELF 113
Sample Location:

Date Collected: 01/23/26 21:00
Date Received: 01/24/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604643
Report Date: 02/12/26

Air Canister Certification Results

Lab ID: L2604643-02
Client ID: CAN 963 SHELF 113
Sample Location:

Date Collected: 01/23/26 21:00
Date Received: 01/24/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	95		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607030
Report Date: 02/12/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2607030-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2607030
Project Number:	045163	**Report Date:**	02/12/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2607030
Project Number:	045163	**Report Date:**	02/12/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2607030
Project Number:	045163	**Report Date:**	02/12/26

Data Qualifiers

ND	- Not detected at the reporting limit (RL) for the sample.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
Q	- The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
R	- Analytical results are from sample re-analysis.
RE	- Analytical results are from sample re-extraction.
S	- Analytical results are from modified screening analysis.
V	- The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
Z	- The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607030
Report Date: 02/12/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 02/09/26

ALPHA Job #: L2607030

Client Information

Client: GEI Consultants Inc.
Address: 100 Quannapowitt Parkway
Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☒

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15		Sample Comments (i.e. PID)
07030-01	045163-166GLEN-B1	2/28/26	8:35	8:35	-30.17	-9.24	AA	NMT	6 L	3486	02741		X					See attached analyte list

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Lanzalotta	2/6/26, 13:15	GEI Sample Room	2/6/26, 13:15
PACE	2/9/26 1230	PACE	2/4/26 1230
PACE	2/9/26 1705	GC Nans PACE	2/9/26 18:30
GC Nans PACE	2/9/26 20:15	John Burkhardt/Tony Boz	02/09/26 2015

Form No: 101-02 Rev: (25-Sep-15)

Indoor Air Sampling Analyte List

- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Sample Delivery Group Summary

Pace Job Number : L2607030

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 09-FEB-2026
Reviewer : Evan Rezendes

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2607541
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	02/17/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607541
Report Date: 02/17/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2607541-01	045163-97FRAN-B	AIR	SOMERVILLE, MA	02/10/26 11:05	02/11/26
L2607541-02	045163-97FRAN-1	AIR	SOMERVILLE, MA	02/10/26 11:10	02/11/26
L2607541-03	045163-97FRAN-2	AIR	SOMERVILLE, MA	02/10/26 11:13	02/11/26
L2607541-04	045163-97FRANK-SS1	SOIL_VAPOR	SOMERVILLE, MA	02/10/26 12:11	02/11/26
L2607541-05	045163-97FRANK-SS2	SOIL_VAPOR	SOMERVILLE, MA	02/10/26 12:30	02/11/26

Project Name: TUFTS STREET **Lab Number:** L2607541

Project Number: 045163 **Report Date:** 02/17/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2607541
Project Number:	045163	**Report Date:**	02/17/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: TUFTS STREET **Lab Number:** L2607541
Project Number: 045163 **Report Date:** 02/17/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on January 9, January 29 and February 6, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

Sample Receipt

The sample designated 045163-97FRAN-2 (L2607541-03) was received at an ambient final pressure, the analysis of the sample was canceled by the client.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 02/17/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607541
Report Date: 02/17/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607541
Report Date: 02/17/26

SAMPLE RESULTS

Lab ID: L2607541-01
Client ID: 045163-97FRAN-B
Sample Location: SOMERVILLE, MA

Date Collected: 02/10/26 11:05
Date Received: 02/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/15/26 01:19
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.041	0.020	--	0.278	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	72		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	86		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607541
Report Date: 02/17/26

SAMPLE RESULTS

Lab ID: L2607541-02
Client ID: 045163-97FRAN-1
Sample Location: SOMERVILLE, MA

Date Collected: 02/10/26 11:10
Date Received: 02/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/15/26 02:00
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.022	0.020	--	0.149	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	74		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	87		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607541
Report Date: 02/17/26

SAMPLE RESULTS

Lab ID: L2607541-04
Client ID: 045163-97FRANK-SS1
Sample Location: SOMERVILLE, MA

Date Collected: 02/10/26 12:11
Date Received: 02/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/17/26 02:44
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	0.054	0.020	--	0.219	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.041	0.020	--	0.278	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	103		60-140
bromochloromethane	105		60-140
chlorobenzene-d5	106		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607541
Report Date: 02/17/26

SAMPLE RESULTS

Lab ID: L2607541-05
Client ID: 045163-97FRANK-SS2
Sample Location: SOMERVILLE, MA

Date Collected: 02/10/26 12:30
Date Received: 02/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 02/17/26 03:24
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.111	0.020	--	0.753	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	103		60-140
bromochloromethane	106		60-140
chlorobenzene-d5	109		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607541
Report Date: 02/17/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 02/14/26 21:59

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-02 Batch: WG2175753-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607541
Report Date: 02/17/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 02/16/26 18:20

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 04-05 Batch: WG2176220-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607541
Report Date: 02/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2175753-3								
Vinyl chloride	91		-		70-130	-		
1,1-Dichloroethene	80		-		70-130	-		
trans-1,2-Dichloroethene	76		-		70-130	-		
1,1-Dichloroethane	83		-		70-130	-		
cis-1,2-Dichloroethene	72		-		70-130	-		
1,1,1-Trichloroethane	79		-		70-130	-		
Trichloroethene	89		-		70-130	-		
1,1,2-Trichloroethane	91		-		70-130	-		
Tetrachloroethene	100		-		70-130	-		
1,1,2,2-Tetrachloroethane	112		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607541
Report Date: 02/17/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 04-05 Batch: WG2176220-3								
Vinyl chloride	108		-		70-130	-		
1,1-Dichloroethene	112		-		70-130	-		
trans-1,2-Dichloroethene	106		-		70-130	-		
1,1-Dichloroethane	103		-		70-130	-		
cis-1,2-Dichloroethene	107		-		70-130	-		
1,1,1-Trichloroethane	108		-		70-130	-		
Trichloroethene	105		-		70-130	-		
1,1,2-Trichloroethane	107		-		70-130	-		
Tetrachloroethene	86		-		70-130	-		
1,1,2,2-Tetrachloroethane	93		-		70-130	-		

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2607541

Report Date: 02/17/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2607541-01	045163-97FRAN-B	02763	Flow 5	01/09/26	551188		-	-	-	Pass	3.0	2.7	11
L2607541-01	045163-97FRAN-B	3059	6.0L Can	01/09/26	551188	L2600022-03	Pass	-29.8	-10.3	-	-	-	-
L2607541-02	045163-97FRAN-1	0126	Flow 5	02/06/26	555242		-	-	-	Pass	3.2	3.2	0
L2607541-02	045163-97FRAN-1	4300	6.0L Can	01/09/26	551188	L2600022-03	Pass	-29.7	-5.7	-	-	-	-
L2607541-03	045163-97FRAN-2	01191	Flow 5	02/06/26	555242		-	-	-	Pass	3.1	10.1	106
L2607541-03	045163-97FRAN-2	938	6.0L Can	01/29/26	553994	L2604652-01	Pass	-29.0	0.0	-	-	-	-
L2607541-04	045163-97FRANK-SS1	03084	Flow 2	02/06/26	555242		-	-	-	Pass	36.0	30.0	18
L2607541-04	045163-97FRANK-SS1	3402	2.7L Can	02/06/26	555242	L2605294-06	Pass	-29.0	-1.3	-	-	-	-
L2607541-05	045163-97FRANK-SS2	02848	Flow 2	02/06/26	555242		-	-	-	Pass	36.1	36.1	0
L2607541-05	045163-97FRANK-SS2	552	2.7L Can	02/06/26	555242	L2605294-06	Pass	-29.0	-3.7	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/04/26 03:40
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2600022
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2600022
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	82		60-140
Bromochloromethane	108		60-140
chlorobenzene-d5	81		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/04/26 03:40
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2600022
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2600022
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2600022-03
Client ID: CAN 4339 SHELF 89
Sample Location:

Date Collected: 12/31/25 15:42
Date Received: 01/02/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	77		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/25/26 13:28
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2604652
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	103		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/25/26 13:28
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2604652
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2604652
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2604652-01
Client ID: CAN 3582 SHELF 102
Sample Location:

Date Collected: 01/25/26 06:23
Date Received: 01/25/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	103		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	104		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2605294
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2605294-06
Client ID: CAN 4389 SHELF 57
Sample Location:

Date Collected: 01/30/26 09:38
Date Received: 01/30/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/31/26 00:18
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2605294
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2605294-06
Client ID: CAN 4389 SHELF 57
Sample Location:

Date Collected: 01/30/26 09:38
Date Received: 01/30/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2605294
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2605294-06
Client ID: CAN 4389 SHELF 57
Sample Location:

Date Collected: 01/30/26 09:38
Date Received: 01/30/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2605294
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2605294-06
Client ID: CAN 4389 SHELF 57
Sample Location:

Date Collected: 01/30/26 09:38
Date Received: 01/30/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2605294

Project Number: CANISTER QC BAT **Report Date:** 02/17/26

Air Canister Certification Results

Lab ID: L2605294-06
Client ID: CAN 4389 SHELF 57
Sample Location:

Date Collected: 01/30/26 09:38
Date Received: 01/30/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	100		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2605294
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2605294-06
Client ID: CAN 4389 SHELF 57
Sample Location:

Date Collected: 01/30/26 09:38
Date Received: 01/30/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/31/26 00:18
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2605294
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2605294-06
Client ID: CAN 4389 SHELF 57
Sample Location:

Date Collected: 01/30/26 09:38
Date Received: 01/30/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2605294
Report Date: 02/17/26

Air Canister Certification Results

Lab ID: L2605294-06
Client ID: CAN 4389 SHELF 57
Sample Location:

Date Collected: 01/30/26 09:38
Date Received: 01/30/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	101		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2607541
Report Date: 02/17/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2607541-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2607541-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2607541-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		CANCELLED()
L2607541-04A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2607541-05A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2607541
Project Number:	045163	**Report Date:**	02/17/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2607541
Project Number:	045163	**Report Date:**	02/17/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2607541
Project Number:	045163	**Report Date:**	02/17/26

Data Qualifiers

ND	- Not detected at the reporting limit (RL) for the sample.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
Q	- The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
R	- Analytical results are from sample re-analysis.
RE	- Analytical results are from sample re-extraction.
S	- Analytical results are from modified screening analysis.
V	- The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
Z	- The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2607541
Report Date: 02/17/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

Pace ANALYTICAL SERVICES

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 02/11/26

Pace® Job #: L2607541

Client Information

Client: GEI Consultants Inc.
Address: 100 Quannapowitt PKwy
Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
Pace® Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: send to DJMiller@geiconsultants.com

Project-Specific Target Compound List: ☒

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH (Subtract Non-petroleum HCs)	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
07541-01	045163-97FRAN-B	2/10/26	11:05	11:05	-30.97	-11.67	AA	NMT	6L	3059	02763	X						see attached list of analytes
-02	045163-97FRAN-1		11:10	11:10	-30.50	-6.48	AA	NMT	6L	4300	0126	X						
-03	045163-97FRAN-2		11:25	11:13	-30.87	-0.00	AA	NMT	6L	938	01191	X						Hold analysis pressure for check
-04	045163-97FRANK-SS1		11:35	12:11	-30.07	-3.00	SV	NMT	2.7L	3402	03084	X						
-05	045163-97FRANK-SS2		11:30	12:30	-30.21	-5.21	SV	NMT	2.7L	552	02848	X						

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Fruccolo	2/10/26, 13:45	GEI Sample Room	2/10/26, 13:45
	2/11/26 1305		2/11/26 1305
	2/11/26 1760	GSP Pace	2-11-26 13:30
T&D Land	2-11-26 2111		02/11/26 2111

Form No: 101-02 Rev: (25-Sep-15)

Indoor Air Sampling Analyte List

- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Sample Delivery Group Summary

Pace Job Number : L2607541

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 11-FEB-2026
Reviewer : Jennifer Jerome

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2610744
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	50 TUFTS STREET
Project Number:	045163
Report Date:	03/09/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: 50 TUFTS STREET
Project Number: 045163

Lab Number: L2610744
Report Date: 03/09/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2610744-01	045163-4MORT-1	AIR	SOMERVILLE, MA	02/27/26 11:25	03/02/26
L2610744-02	045163-4MORT-B	AIR	SOMERVILLE, MA	02/27/26 11:32	03/02/26

Project Name: 50 TUFTS STREET
Project Number: 045163
Lab Number: L2610744
Report Date: 03/09/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	50 TUFTS STREET	**Lab Number:**	L2610744
Project Number:	045163	**Report Date:**	03/09/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	50 TUFTS STREET	**Lab Number:**	L2610744
Project Number:	045163	**Report Date:**	03/09/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on January 29, February 6 and February 24, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 03/09/26

QC OUTLIER SUMMARY REPORT

Project Name: 50 TUFTS STREET
Project Number: 045163

Lab Number: L2610744
Report Date: 03/09/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: 50 TUFTS STREET
Project Number: 045163

Lab Number: L2610744
Report Date: 03/09/26

SAMPLE RESULTS

Lab ID: L2610744-01
Client ID: 045163-4MORT-1
Sample Location: SOMERVILLE, MA

Date Collected: 02/27/26 11:25
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/07/26 02:02
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.030	0.020	--	0.203	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	90		60-140

Project Name: 50 TUFTS STREET
Project Number: 045163

Lab Number: L2610744
Report Date: 03/09/26

SAMPLE RESULTS

Lab ID: L2610744-02
Client ID: 045163-4MORT-B
Sample Location: SOMERVILLE, MA

Date Collected: 02/27/26 11:32
Date Received: 03/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/07/26 02:41
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	0.062	0.020	--	0.333	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.851	0.020	--	5.77	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	84		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	81		60-140

Project Name: 50 TUFTS STREET
Project Number: 045163
Lab Number: L2610744
Report Date: 03/09/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 03/06/26 23:27

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-02 Batch: WG2182383-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 50 TUFTS STREET
Project Number: 045163

Lab Number: L2610744
Report Date: 03/09/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2182383-3								
Vinyl chloride	83		-		70-130	-		
1,1-Dichloroethene	82		-		70-130	-		
trans-1,2-Dichloroethene	90		-		70-130	-		
1,1-Dichloroethane	94		-		70-130	-		
cis-1,2-Dichloroethene	92		-		70-130	-		
1,1,1-Trichloroethane	128		-		70-130	-		
Trichloroethene	100		-		70-130	-		
1,1,2-Trichloroethane	112		-		70-130	-		
Tetrachloroethene	75		-		70-130	-		
1,1,2,2-Tetrachloroethane	88		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 50 TUFTS STREET
Project Number: 045163

Lab Number: L2610744
Report Date: 03/09/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 QC Batch ID: WG2182383-5 QC Sample: L2610744-02 Client ID: 045163-4MORT-B						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Trichloroethene	0.062	0.054	ppbV	14		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Tetrachloroethene	0.851	0.789	ppbV	8		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25

Project Name: 50 TUFTS STREET

Lab Number: L2610744

Project Number: 045163

Report Date: 03/09/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2610744-01	045163-4MORT-1	01208	Flow 5	01/29/26	553994		-	-	-	Pass	3.1	3.1	0
L2610744-01	045163-4MORT-1	5874	6.0L TO Can	02/24/26	556959	L2608776-08	Pass	-29.2	-7.5	-	-	-	-
L2610744-02	045163-4MORT-B	02872	Flow 5	02/24/26	556959		-	-	-	Pass	3.0	2.9	3
L2610744-02	045163-4MORT-B	4875	6.0L Can	02/06/26	555242	L2605526-02	Pass	-29.1	-8.6	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2605526
Report Date: 03/09/26

Air Canister Certification Results

Lab ID: L2605526-02
Client ID: CAN 1783 SHELF 98
Sample Location:

Date Collected: 01/31/26 15:00
Date Received: 02/01/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/01/26 21:37
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	0.646	0.500	--	1.17	0.902	--	B	1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2605526
Report Date: 03/09/26

Air Canister Certification Results

Lab ID: L2605526-02
Client ID: CAN 1783 SHELF 98
Sample Location:

Date Collected: 01/31/26 15:00
Date Received: 02/01/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2605526
Report Date: 03/09/26

Air Canister Certification Results

Lab ID: L2605526-02
Client ID: CAN 1783 SHELF 98
Sample Location:

Date Collected: 01/31/26 15:00
Date Received: 02/01/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2605526
Report Date: 03/09/26

Air Canister Certification Results

Lab ID: L2605526-02
Client ID: CAN 1783 SHELF 98
Sample Location:

Date Collected: 01/31/26 15:00
Date Received: 02/01/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2605526

Project Number: CANISTER QC BAT **Report Date:** 03/09/26

Air Canister Certification Results

Lab ID: L2605526-02
Client ID: CAN 1783 SHELF 98
Sample Location:

Date Collected: 01/31/26 15:00
Date Received: 02/01/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	92		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2605526

Project Number: CANISTER QC BAT **Report Date:** 03/09/26

Air Canister Certification Results

Lab ID: L2605526-02
Client ID: CAN 1783 SHELF 98
Sample Location:

Date Collected: 01/31/26 15:00
Date Received: 02/01/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/01/26 21:37
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	0.023	0.020	--	0.089	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2605526
Report Date: 03/09/26

Air Canister Certification Results

Lab ID: L2605526-02
Client ID: CAN 1783 SHELF 98
Sample Location:

Date Collected: 01/31/26 15:00
Date Received: 02/01/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2605526
Report Date: 03/09/26

Air Canister Certification Results

Lab ID: L2605526-02
Client ID: CAN 1783 SHELF 98
Sample Location:

Date Collected: 01/31/26 15:00
Date Received: 02/01/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2608776
Report Date: 03/09/26

Air Canister Certification Results

Lab ID: L2608776-08
Client ID: CAN 998 SHELF 87
Sample Location:

Date Collected: 02/18/26 13:04
Date Received: 02/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/19/26 04:56
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2608776
Report Date: 03/09/26

Air Canister Certification Results

Lab ID: L2608776-08
Client ID: CAN 998 SHELF 87
Sample Location:

Date Collected: 02/18/26 13:04
Date Received: 02/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2608776

Project Number: CANISTER QC BAT **Report Date:** 03/09/26

Air Canister Certification Results

Lab ID: L2608776-08
Client ID: CAN 998 SHELF 87
Sample Location:

Date Collected: 02/18/26 13:04
Date Received: 02/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2608776
Report Date: 03/09/26

Air Canister Certification Results

Lab ID: L2608776-08
Client ID: CAN 998 SHELF 87
Sample Location:

Date Collected: 02/18/26 13:04
Date Received: 02/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2608776

Project Number: CANISTER QC BAT **Report Date:** 03/09/26

Air Canister Certification Results

Lab ID: L2608776-08
Client ID: CAN 998 SHELF 87
Sample Location:

Date Collected: 02/18/26 13:04
Date Received: 02/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	85		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2608776

Project Number: CANISTER QC BAT **Report Date:** 03/09/26

Air Canister Certification Results

Lab ID: L2608776-08
Client ID: CAN 998 SHELF 87
Sample Location:

Date Collected: 02/18/26 13:04
Date Received: 02/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/19/26 04:56
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2608776
Report Date: 03/09/26

Air Canister Certification Results

Lab ID: L2608776-08
Client ID: CAN 998 SHELF 87
Sample Location:

Date Collected: 02/18/26 13:04
Date Received: 02/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2608776
Report Date: 03/09/26

Air Canister Certification Results

Lab ID: L2608776-08
Client ID: CAN 998 SHELF 87
Sample Location:

Date Collected: 02/18/26 13:04
Date Received: 02/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	92		60-140

Project Name: 50 TUFTS STREET
Project Number: 045163

Lab Number: L2610744
Report Date: 03/09/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2610744-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2610744-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	50 TUFTS STREET	**Lab Number:**	L2610744
Project Number:	045163	**Report Date:**	03/09/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	50 TUFTS STREET	**Lab Number:**	L2610744
Project Number:	045163	**Report Date:**	03/09/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	50 TUFTS STREET	**Lab Number:**	L2610744
Project Number:	045163	**Report Date:**	03/09/26

Data Qualifiers

ND	- Not detected at the reporting limit (RL) for the sample.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
Q	- The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
R	- Analytical results are from sample re-analysis.
RE	- Analytical results are from sample re-extraction.
S	- Analytical results are from modified screening analysis.
V	- The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
Z	- The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name: 50 TUFTS STREET
Project Number: 045163
Lab Number: L2610744
Report Date: 03/09/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

Date Rec'd In Lab: 3/2/26

Pace® Job #: L2610744

Pace ANALYTICAL SERVICES
120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: GEI Consultants
Address: 100 Quannapowitt Pkwy
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: 50 Tufts St
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Conco
Pace® Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info | PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: also send report to DJM.lab@geiconsultants.com

Project-Specific Target Compound List: ☒ see attached list of analytes

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Ranges Non-Aromatic Hyd. ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
10744-01	045163-4MORT-1	2/27/26	11:25	11:25	-30.11	-8.10	IA	DJM	6L	5874	01208	X					
-02	045163-4MORT-B	2/27/26	11:32	11:32	-30	-3.40	IA	DJM	6L	4875	02872	X					check pressure + hold analysis

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
	2/27/26 13:00	GEI Sample Room	2/27/26 13:00
Rob Mauto	3/2/26 1142	Rob Mauto	3/2/26 1145
	1845		3/2/26 1700

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Mercy Granlund

Sample Delivery Group Summary

Pace Job Number : L2610744

Account Name : GEI Consultants
Project Number : 045163
Project Name : 50 TUFTS STREET

Received : 02-MAR-2026
Reviewer : Kelsey Granlund

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Present/Intact/NA			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2612593
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	03/18/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612593
Report Date: 03/18/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2612593-01	045163-4MORT-1	AIR	SOMERVILLE, MA	03/06/26 09:05	03/10/26
L2612593-02	045163-4MORT-B	AIR	SOMERVILLE, MA	03/06/26 09:10	03/10/26

Project Name:	TUFTS STREET	**Lab Number:**	L2612593
Project Number:	045163	**Report Date:**	03/18/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2612593
Project Number:	045163	**Report Date:**	03/18/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	TUFTS STREET	**Lab Number:**	L2612593
Project Number:	045163	**Report Date:**	03/18/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on February 25, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Susan E O'Neil Susan O' Neil

Title: Technical Director/Representative Date: 03/18/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612593
Report Date: 03/18/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612593
Report Date: 03/18/26

SAMPLE RESULTS

Lab ID: L2612593-01
Client ID: 045163-4MORT-1
Sample Location: SOMERVILLE, MA

Date Collected: 03/06/26 09:05
Date Received: 03/10/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/14/26 23:29
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.034	0.020	--	0.231	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	93		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612593
Report Date: 03/18/26

SAMPLE RESULTS

Lab ID: L2612593-02
Client ID: 045163-4MORT-B
Sample Location: SOMERVILLE, MA

Date Collected: 03/06/26 09:10
Date Received: 03/10/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/15/26 00:01
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	0.044	0.020	--	0.236	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.690	0.020	--	4.68	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	92		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2612593
Report Date: 03/18/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 03/14/26 21:49

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-02 Batch: WG2185187-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612593
Report Date: 03/18/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2185187-3								
Vinyl chloride	80		-		70-130	-		
1,1-Dichloroethene	95		-		70-130	-		
trans-1,2-Dichloroethene	96		-		70-130	-		
1,1-Dichloroethane	95		-		70-130	-		
cis-1,2-Dichloroethene	91		-		70-130	-		
1,1,1-Trichloroethane	109		-		70-130	-		
Trichloroethene	112		-		70-130	-		
1,1,2-Trichloroethane	95		-		70-130	-		
Tetrachloroethene	109		-		70-130	-		
1,1,2,2-Tetrachloroethane	96		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612593
Report Date: 03/18/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 QC Batch ID: WG2185187-5 QC Sample: L2612593-02 Client ID: 045163-4MORT-B						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Trichloroethene	0.044	0.041	ppbV	7		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Tetrachloroethene	0.690	0.679	ppbV	2		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2612593

Report Date: 03/18/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2612593-01	045163-4MORT-1	02895	Flow 5	02/25/26	556871		-	-	-	Pass	2.9	2.8	4
L2612593-01	045163-4MORT-1	2665	6.0L Can	02/25/26	556871	L2609667-03	Pass	-29.5	-9.5	-	-	-	-
L2612593-02	045163-4MORT-B	0988	Flow 5	02/25/26	556871		-	-	-	Pass	3.2	3.0	6
L2612593-02	045163-4MORT-B	3337	6.0L Can	02/25/26	556871	L2609667-03	Pass	-29.5	-5.7	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/21/26 23:35
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2609667

Project Number: CANISTER QC BAT **Report Date:** 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2609667

Project Number: CANISTER QC BAT **Report Date:** 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/21/26 23:35
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2609667

Project Number: CANISTER QC BAT **Report Date:** 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	102		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612593
Report Date: 03/18/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2612593-01A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		MCP-TO15-SIM(30)
L2612593-02A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2612593
Project Number:	045163	**Report Date:**	03/18/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2612593
Project Number:	045163	**Report Date:**	03/18/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2612593
Project Number:	045163	**Report Date:**	03/18/26

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2612593
Report Date: 03/18/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 03/06/26

ALPHA Job #: L2612593 ~~L2612626~~ 1AQBR

Client Information

Client: GEI Consultants Inc.
Address: 100 Quannapowitt Parkway
Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
Other Formats: _____
☒ EMAIL (standard pdf report)
☐ Additional Deliverables: _____
Report to: (if different than Project Manager) _____

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: Send to DJMillen@geiconsultants.com

Project-Specific Target Compound List: ☒

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
12593-01	045163-4MORT-1	3/6/26	9:05	9:05	-30.79	-10.72	AA	NMT	6 L	2665	02895		X				See attached list of analytes
-02	045163-4MORT-B	3/6/26	9:10	9:10	-30.83	-7.24	AA	NMT	6 L	3337	0988		X				

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Panuccio	3/6/26 10:45	GEI Sample Room	3/6/26 10:45
[signature] AMCE	3/6/26 1200	[signature] AMCE	3/6/26 1201
[signature] pas	3/6/26 1336	[signature] pas	3/6/26
[signature] pas	3/6/26 1720	Jacob Bunstein Boss	03/06/26 1720

Form No: 101-02 Rev: (25-Sep-15)

Indoor Air Sampling Analyte List

- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Sample Delivery Group Summary

Pace Job Number : L2612593

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 10-MAR-2026
Reviewer : Jennifer Jerome

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
N/A	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2612594
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	03/18/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612594
Report Date: 03/18/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2612594-01	045163-25TUFTS-B	AIR	SOMERVILLE, MA	03/06/26 09:35	03/10/26
L2612594-02	045163-25TUFTS-1	AIR	SOMERVILLE, MA	03/06/26 09:40	03/10/26

Project Name: TUFTS STREET **Lab Number:** L2612594

Project Number: 045163 **Report Date:** 03/18/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2612594
Project Number:	045163	**Report Date:**	03/18/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	TUFTS STREET	**Lab Number:**	L2612594
Project Number:	045163	**Report Date:**	03/18/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on February 25, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Susan E O'Neil Susan O' Neil

Title: Technical Director/Representative Date: 03/18/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612594
Report Date: 03/18/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612594
Report Date: 03/18/26

SAMPLE RESULTS

Lab ID: L2612594-01
Client ID: 045163-25TUFTS-B
Sample Location: SOMERVILLE, MA

Date Collected: 03/06/26 09:35
Date Received: 03/10/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/15/26 01:06
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.066	0.020	--	0.448	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	92		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612594
Report Date: 03/18/26

SAMPLE RESULTS

Lab ID: L2612594-02
Client ID: 045163-25TUFTS-1
Sample Location: SOMERVILLE, MA

Date Collected: 03/06/26 09:40
Date Received: 03/10/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/15/26 01:39
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	0.021	0.020	--	0.113	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.052	0.020	--	0.353	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	92		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2612594
Report Date: 03/18/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 03/14/26 21:49

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-02 Batch: WG2185187-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612594
Report Date: 03/18/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2185187-3								
Vinyl chloride	80		-		70-130	-		
1,1-Dichloroethene	95		-		70-130	-		
trans-1,2-Dichloroethene	96		-		70-130	-		
1,1-Dichloroethane	95		-		70-130	-		
cis-1,2-Dichloroethene	91		-		70-130	-		
1,1,1-Trichloroethane	109		-		70-130	-		
Trichloroethene	112		-		70-130	-		
1,1,2-Trichloroethane	95		-		70-130	-		
Tetrachloroethene	109		-		70-130	-		
1,1,2,2-Tetrachloroethane	96		-		70-130	-		

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2612594

Report Date: 03/18/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2612594-01	045163-25TUFTS-B	03140	Flow 5	02/25/26	556871		-	-	-	Pass	3.0	2.9	3
L2612594-01	045163-25TUFTS-B	5261	6.0L Can	02/25/26	556871	L2609667-04	Pass	-29.3	-8.9	-	-	-	-
L2612594-02	045163-25TUFTS-1	01301	Flow 5	02/25/26	556871		-	-	-	Pass	3.0	3.0	0
L2612594-02	045163-25TUFTS-1	2840	6.0L Can	02/25/26	556871	L2609667-03	Pass	-29.5	-8.7	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/21/26 23:35
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2609667

Project Number: CANISTER QC BAT **Report Date:** 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/21/26 23:35
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2609667

Project Number: CANISTER QC BAT **Report Date:** 03/18/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	102		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-04
Client ID: CAN 4967 SHELF 80
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/22/26 00:14
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-04
Client ID: CAN 4967 SHELF 80
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-04
Client ID: CAN 4967 SHELF 80
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-04
Client ID: CAN 4967 SHELF 80
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2609667

Project Number: CANISTER QC BAT **Report Date:** 03/18/26

Air Canister Certification Results

Lab ID: L2609667-04
Client ID: CAN 4967 SHELF 80
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	109		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	109		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-04
Client ID: CAN 4967 SHELF 80
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/22/26 00:14
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/18/26

Air Canister Certification Results

Lab ID: L2609667-04
Client ID: CAN 4967 SHELF 80
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2609667

Project Number: CANISTER QC BAT **Report Date:** 03/18/26

Air Canister Certification Results

Lab ID: L2609667-04
Client ID: CAN 4967 SHELF 80
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	111		60-140
bromochloromethane	104		60-140
chlorobenzene-d5	114		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2612594
Report Date: 03/18/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2612594-01A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		MCP-TO15-SIM(30)
L2612594-02A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2612594
Project Number:	045163	**Report Date:**	03/18/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2612594
Project Number:	045163	**Report Date:**	03/18/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2612594
Project Number:	045163	**Report Date:**	03/18/26

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2612594
Report Date: 03/18/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 03/06/26

ALPHA Job #: L26125914

Client Information

Client: GEI Consultants Inc.
Address: 100 Quannapowitt Parkway
Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: Send to DJMiller@geiconsultants.com

Project-Specific Target Compound List: ☒

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
12594-01	045163-25TUFTS-B	3/6/26	9:35	9:35	-31.03	-11.04	AA	NMT	6 L	5261	03140	X					see attached list of analytes
-02	045163-25TUFTS-1	3/6/26	9:40	9:40	-31.00	-10.04	AA	NMT	6 L	2840	01301	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Truocolo	3/6/26 10:45	GEI Sample Room	3/6/26, 10:45
	3/6/26 1200		3/6/26 1201
	3/6/26 1336		3/6/26
	3/6/26 1720		03/06/26 1720

Form No: 101-02 Rev: (25-Sep-15)

Indoor Air Sampling Analyte List

- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Sample Delivery Group Summary

Pace Job Number : L2612594

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 10-MAR-2026
Reviewer : Jennifer Jerome

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
N/A	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2613018
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	03/24/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613018
Report Date: 03/24/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2613018-01	045163-162-164-GLEN-B	AIR	SOMERVILLE, MA	03/10/26 09:05	03/11/26
L2613018-02	045163-162-164-GLEN-1	AIR	SOMERVILLE, MA	03/10/26 09:10	03/11/26

Project Name: TUFTS STREET **Lab Number:** L2613018

Project Number: 045163 **Report Date:** 03/24/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2613018
Project Number:	045163	**Report Date:**	03/24/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2613018
Report Date: 03/24/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on February 25, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

The WG2187174-4 Method Blank associated with L2613018-01 and -02 has a concentration above the reporting limit for Tetrachloroethene. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected above the RL and not more than 10x the blank concentration for this compound will be rerun.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 03/24/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613018
Report Date: 03/24/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613018
Report Date: 03/24/26

SAMPLE RESULTS

Lab ID: L2613018-01
Client ID: 045163-162-164-GLEN-B
Sample Location: SOMERVILLE, MA

Date Collected: 03/10/26 09:05
Date Received: 03/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/19/26 18:55
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613018
Report Date: 03/24/26

SAMPLE RESULTS

Lab ID: L2613018-01
Client ID: 045163-162-164-GLEN-B
Sample Location: SOMERVILLE, MA

Date Collected: 03/10/26 09:05
Date Received: 03/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/21/26 02:24
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Tetrachloroethene	0.065	0.020	--	0.441	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	97		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	100		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613018
Report Date: 03/24/26

SAMPLE RESULTS

Lab ID: L2613018-02
Client ID: 045163-162-164-GLEN-1
Sample Location: SOMERVILLE, MA

Date Collected: 03/10/26 09:10
Date Received: 03/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/19/26 19:29
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	96		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613018
Report Date: 03/24/26

SAMPLE RESULTS

Lab ID: L2613018-02
Client ID: 045163-162-164-GLEN-1
Sample Location: SOMERVILLE, MA

Date Collected: 03/10/26 09:10
Date Received: 03/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/21/26 02:58
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Tetrachloroethene	0.044	0.020	--	0.298	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	99		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2613018
Report Date: 03/24/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 03/19/26 18:23

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-02 Batch: WG2187174-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.074	0.020	--	0.502	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2613018
Report Date: 03/24/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 03/20/26 13:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-02 Batch: WG2187704-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613018
Report Date: 03/24/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2187174-3								
Vinyl chloride	82		-		70-130	-		
1,1-Dichloroethene	98		-		70-130	-		
trans-1,2-Dichloroethene	96		-		70-130	-		
1,1-Dichloroethane	95		-		70-130	-		
cis-1,2-Dichloroethene	90		-		70-130	-		
1,1,1-Trichloroethane	119		-		70-130	-		
Trichloroethene	107		-		70-130	-		
1,1,2-Trichloroethane	89		-		70-130	-		
Tetrachloroethene	102		-		70-130	-		
1,1,2,2-Tetrachloroethane	87		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613018
Report Date: 03/24/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2187704-3								
Vinyl chloride	80		-		70-130	-		
1,1-Dichloroethene	96		-		70-130	-		
trans-1,2-Dichloroethene	95		-		70-130	-		
1,1-Dichloroethane	94		-		70-130	-		
cis-1,2-Dichloroethene	89		-		70-130	-		
1,1,1-Trichloroethane	118		-		70-130	-		
Trichloroethene	106		-		70-130	-		
1,1,2-Trichloroethane	88		-		70-130	-		
Tetrachloroethene	102		-		70-130	-		
1,1,2,2-Tetrachloroethane	89		-		70-130	-		

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2613018

Report Date: 03/24/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2613018-01	045163-162-164-GLEN-B	03143	Flow 5	02/25/26	556871		-	-	-	Pass	3.0	3.0	0
L2613018-01	045163-162-164-GLEN-B	5224	6.0L Can	02/25/26	556871	L2609667-03	Pass	--29.4	-9.3	-	-	-	-
L2613018-02	045163-162-164-GLEN-1	03308	Flow 5	02/25/26	556871		-	-	-	Pass	3.0	3.2	6
L2613018-02	045163-162-164-GLEN-1	5230	6.0L Can	02/25/26	556871	L2609667-03	Pass	-29.5	-10.8	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/21/26 23:35
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2609667

Project Number: CANISTER QC BAT **Report Date:** 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/21/26 23:35
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	102		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613018
Report Date: 03/24/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2613018-01A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		MCP-TO15-SIM(30)
L2613018-02A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2613018
Project Number:	045163	**Report Date:**	03/24/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2613018
Project Number:	045163	**Report Date:**	03/24/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2613018
Project Number:	045163	**Report Date:**	03/24/26

Data Qualifiers

ND	- Not detected at the reporting limit (RL) for the sample.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
Q	- The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
R	- Analytical results are from sample re-analysis.
RE	- Analytical results are from sample re-extraction.
S	- Analytical results are from modified screening analysis.
V	- The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
Z	- The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2613018
Report Date: 03/24/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 03/11/26

ALPHA Job #: L2613018

Client Information

Client: GEI Consultants Inc.
Address: 100 Quannapowitt Parkway
Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: Send to DJMiller@geiconsultants.com

Project-Specific Target Compound List: ☒

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH (subset Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
13018-01	045163-162-164-GLEN-B	3/10/26	9:05	9:05	-30.43	-9.97	AA	NMT	6 L	5224	03143		X				see attached analyte list
-02	045163-162-164-GLEN-1	3/10/26	9:10	9:10	-30.23	-10.96	AA	NMT	6 L	5230	03308		X				

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Tuoccolo	3/10/26, 12:00	GEI Sample Room	3/10/26, 12:00
	3/11/26 1115	Shan Cleveland PACE	3/11/26 1115
Shan Cleveland pas	3/11/26 1530	pas	3/11/26 1536
pas	3/11/26 1740	Isabel Quintero Baez	03/11/26 1740

Form No: 101-02 Rev: (25-Sep-15)

Indoor Air Sampling Analyte List

- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Sample Delivery Group Summary

Pace Job Number : L2613018

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 11-MAR-2026
Reviewer : Isabel Quintus-Bosz

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
N/A	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2613019
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	03/24/26

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120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613019
Report Date: 03/24/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2613019-01	045163-19TUFTS-1	AIR	SOMERVILLE, MA	03/10/26 09:35	03/11/26
L2613019-02	045163-19TUFTS-B	AIR	SOMERVILLE, MA	03/10/26 09:40	03/11/26

Project Name: TUFTS STREET **Lab Number:** L2613019

Project Number: 045163 **Report Date:** 03/24/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2613019
Project Number:	045163	**Report Date:**	03/24/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2613019
Report Date: 03/24/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on February 25, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 03/24/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613019
Report Date: 03/24/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613019
Report Date: 03/24/26

SAMPLE RESULTS

Lab ID: L2613019-01
Client ID: 045163-19TUFTS-1
Sample Location: SOMERVILLE, MA

Date Collected: 03/10/26 09:35
Date Received: 03/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/21/26 00:46
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.067	0.020	--	0.454	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	98		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613019
Report Date: 03/24/26

SAMPLE RESULTS

Lab ID: L2613019-02
Client ID: 045163-19TUFTS-B
Sample Location: SOMERVILLE, MA

Date Collected: 03/10/26 09:40
Date Received: 03/11/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/21/26 01:51
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.274	0.020	--	1.86	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2613019
Report Date: 03/24/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 03/20/26 13:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-02 Batch: WG2187704-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613019
Report Date: 03/24/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2187704-3								
Vinyl chloride	80		-		70-130	-		
1,1-Dichloroethene	96		-		70-130	-		
trans-1,2-Dichloroethene	95		-		70-130	-		
1,1-Dichloroethane	94		-		70-130	-		
cis-1,2-Dichloroethene	89		-		70-130	-		
1,1,1-Trichloroethane	118		-		70-130	-		
Trichloroethene	106		-		70-130	-		
1,1,2-Trichloroethane	88		-		70-130	-		
Tetrachloroethene	102		-		70-130	-		
1,1,2,2-Tetrachloroethane	89		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613019
Report Date: 03/24/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-02 QC Batch ID: WG2187704-5 QC Sample: L2613019-01 Client ID: 045163-19TUFTS-1						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Tetrachloroethene	0.067	0.069	ppbV	3		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2613019

Report Date: 03/24/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2613019-01	045163-19TUFTS-1	0062	Flow 5	02/25/26	556871		-	-	-	Pass	3.2	3.0	6
L2613019-01	045163-19TUFTS-1	3257	6.0L Can	02/25/26	556871	L2609667-03	Pass	-29.2	-8.4	-	-	-	-
L2613019-02	045163-19TUFTS-B	0836	Flow 5	02/25/26	556871		-	-	-	Pass	3.0	3.2	6
L2613019-02	045163-19TUFTS-B	4421	6.0L Can	02/25/26	556871	L2609667-03	Pass	-29.3	-7.4	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/21/26 23:35
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2609667

Project Number: CANISTER QC BAT **Report Date:** 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2609667

Project Number: CANISTER QC BAT **Report Date:** 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/21/26 23:35
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609667
Report Date: 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609667
Report Date: 03/24/26

Air Canister Certification Results

Lab ID: L2609667-03
Client ID: CAN 5177 SHELF 79
Sample Location:

Date Collected: 02/21/26 12:00
Date Received: 02/21/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	102		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2613019
Report Date: 03/24/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2613019-01A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		MCP-TO15-SIM(30)
L2613019-02A	Canister - 6L (Batch Certified)	N/A	NA			Y	Absent		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2613019
Project Number:	045163	**Report Date:**	03/24/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2613019
Project Number:	045163	**Report Date:**	03/24/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2613019
Project Number:	045163	**Report Date:**	03/24/26

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2613019
Report Date: 03/24/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 03/11/26

ALPHA Job #: L2613019

Client Information
Client: GEI Consultants Inc.
Address: 100 Quannapowitt Parkway
Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Alpha

Project Information
Project Name: Tufts Street
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
ALPHA Quote #:

Turn-Around Time
☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables
☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information
☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: Send to DJMiller@geiconsultants.com

Project-Specific Target Compound List: ☒

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
13019-01	045163-19TUFTS-1	3/10/26	9:35	9:35	-30.18	-8.84	AA	NMT	6 L	3257	0062		X					See attached list of analytes 1
-02	045163-19TUFTS-B	3/10/26	9:40	9:40	-30.47	-8.03	AA	NMT	6 L	4421	0836		X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Nicholas Cruciotto	3/10/26 17:00	GEI Sample Room	3/10/26, 12:00
Shaun Cleland	3/11/26 1115	Shaun Cleland/PACE	3/11/26 1115
Shaun Cleland	3/11/26 1530		3/11/26 1534
	3/11/26 1740	Isabel Gurley Boss	03/11/26 1740

Form No: 101-02 Rev: (25-Sep-15)

Indoor Air Sampling Analyte List

- 1,1-Dichloroethane
- 1,1-Dichloroethylene
- trans-1,2-Dichloroethylene
- cis-1,2-Dichloroethylene
- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- Tetrachloroethylene
- Trichloroethylene
- Vinyl Chloride

Sample Delivery Group Summary

Pace Job Number : L2613019

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 11-MAR-2026
Reviewer : Isabel Quintus-Bosz

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
N/A	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2615132
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	03/26/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2615132
Report Date: 03/26/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2615132-01	045163-84-FRANK-F1	AIR	SOMERVILLE, MA	03/18/26 07:27	03/19/26
L2615132-02	045163-84-FRANK-B	AIR	SOMERVILLE, MA	03/18/26 07:23	03/19/26

Project Name: TUFTS STREET **Lab Number:** L2615132

Project Number: 045163 **Report Date:** 03/26/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2615132
Project Number:	045163	**Report Date:**	03/26/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: TUFTS STREET **Lab Number:** L2615132
Project Number: 045163 **Report Date:** 03/26/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on March 11, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

Sample Receipt

The sample designated 045163-84-FRANK-B (L2615132-02) went to ambient in the field, the analysis of the sample was canceled by the client.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 03/26/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2615132
Report Date: 03/26/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2615132
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2615132-01
Client ID: 045163-84-FRANK-F1
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 07:27
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/25/26 21:18
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.045	0.020	--	0.305	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2615132
Report Date: 03/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 03/25/26 20:40

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01 Batch: WG2189652-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2615132
Report Date: 03/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01 Batch: WG2189652-3								
Vinyl chloride	81		-		70-130	-		
1,1-Dichloroethene	76		-		70-130	-		
trans-1,2-Dichloroethene	79		-		70-130	-		
1,1-Dichloroethane	73		-		70-130	-		
cis-1,2-Dichloroethene	74		-		70-130	-		
1,1,1-Trichloroethane	80		-		70-130	-		
Trichloroethene	91		-		70-130	-		
1,1,2-Trichloroethane	88		-		70-130	-		
Tetrachloroethene	86		-		70-130	-		
1,1,2,2-Tetrachloroethane	98		-		70-130	-		

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2615132

Report Date: 03/26/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2615132-01	045163-84-FRANK-F1	0827	Flow 5	03/11/26	558053		-	-	-	Pass	3.0	2.7	11
L2615132-01	045163-84-FRANK-F1	2918	6.0L Can	03/11/26	558053	L2612077-04	Pass	-29.6	-9.5	-	-	-	-
L2615132-02	045163-84-FRANK-B	0091	Flow 5	03/11/26	558053		-	-	-	Pass	3.0	3.4	13
L2615132-02	045163-84-FRANK-B	5814	6.0L TO Can	03/11/26	558053	L2611516-01	Pass	-29.7	0.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/04/26 22:48
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2611516

Project Number: CANISTER QC BAT **Report Date:** 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/04/26 22:48
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	85		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2612077
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/07/26 00:30
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2612077

Project Number: CANISTER QC BAT **Report Date:** 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2612077
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2612077

Project Number: CANISTER QC BAT **Report Date:** 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2612077

Project Number: CANISTER QC BAT **Report Date:** 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	104		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	109		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2612077

Project Number: CANISTER QC BAT **Report Date:** 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/07/26 00:30
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2612077
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2612077

Project Number: CANISTER QC BAT **Report Date:** 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	107		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	113		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2615132
Report Date: 03/26/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2615132-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2615132-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		CANCELLED()
L2615132-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		-
L2615132-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		-
L2615132-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		-
L2615132-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		-
L2615132-07A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		-
L2615132-08A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2615132
Project Number:	045163	**Report Date:**	03/26/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2615132
Project Number:	045163	**Report Date:**	03/26/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2615132
Project Number:	045163	**Report Date:**	03/26/26

Data Qualifiers

ND	- Not detected at the reporting limit (RL) for the sample.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
P	- The RPD between the results for the two columns exceeds the method-specified criteria.
Q	- The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
R	- Analytical results are from sample re-analysis.
RE	- Analytical results are from sample re-extraction.
S	- Analytical results are from modified screening analysis.
V	- The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
Z	- The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: Data Usability Report

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2615132
Report Date: 03/26/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 3-19-26

Pace® Job #: L2615132

Client Information

Client: GEI Consultants, Inc.
Address: 100 Quannapowitt Pkwy.
Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: Tufts St.
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
Pace® Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: Also send report to djmiller@geiconsultants.com, Hold analysis for 045163-84-FRANK-B prior to a pressure check

Project-Specific Target Compound List: X

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH (Subtract Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
16132 -01	045163-84-FRANK-F1	3/18/26	0727	0721	-30.05	-10.38	IA	JWG	6L	2918	0827	X					See attached list of analytes
-02	045163-84-FRANK-B		0730	0723	-30.15	-0.16	IA		6L	5814	0091	X					
-03	045163-121WASH-UNIT2		0810	0810	-29.72	-9.89	IA		6L	3258	02924	X					
-04	045163-121WASH-UNIT1		0813	0813	-30.37	-9.52	IA		6L	1790	01446	X					
-05	045163-121WASH-RES-F1		0757	0757	-30.50	-8.83	IA		6L	2318	0968	X					
-06	045163-121WASH-UNIT3		0802	0802	-29.54	-8.97	IA		6L	2320	02443	X					
-07	045163-121WASH-SV-2		0902	1002	-30.52	-5.49	SV		2.7L	550	0625	X					
-08	045163-121WASH-SV-1		0853	0943	-30.52	-4.26	SV		2.7L	2091	03020	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Jillian Wagg	3/18/26 1200	GEI Sample Room	3/18/26 1200
	3/19/26 1230		3/18/26 1230
PACE	3/19/26 1745		3/19/26 1900
	3/19/26 2246	Brianna Stanton	3-19-26 22:45

Sample Delivery Group Summary

Pace Job Number : L2615132

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 19-MAR-2026
Reviewer : Brianna Stanton

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Present/Intact/N/A			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

ANALYTICAL REPORT

Lab Number:	L2616257
Client:	GEI Consultants 400 Unicorn Park Drive Woburn, MA 01801
ATTN:	Chris Coner
Phone:	(781) 721-4000
Project Name:	TUFTS STREET
Project Number:	045163
Report Date:	03/26/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2616257
Report Date: 03/26/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2616257-01	045163-121WASH-UNIT2	AIR	SOMERVILLE, MA	03/18/26 08:10	03/19/26
L2616257-02	045163-121WASH-UNIT1	AIR	SOMERVILLE, MA	03/18/26 08:13	03/19/26
L2616257-03	045163-121WASH-RES-F1	AIR	SOMERVILLE, MA	03/18/26 07:57	03/19/26
L2616257-04	045163-121WASH-UNIT3	AIR	SOMERVILLE, MA	03/18/26 08:02	03/19/26
L2616257-05	045163-121WASH-SV-2	SOIL_VAPOR	SOMERVILLE, MA	03/18/26 09:02	03/19/26
L2616257-06	045163-121WASH-SV-1	SOIL_VAPOR	SOMERVILLE, MA	03/18/26 09:43	03/19/26

Project Name: TUFTS STREET **Lab Number:** L2616257

Project Number: 045163 **Report Date:** 03/26/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name:	TUFTS STREET	**Lab Number:**	L2616257
Project Number:	045163	**Report Date:**	03/26/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

Case Narrative (continued)

MCP Related Narratives

Canisters were released from the laboratory on February 25 & March 11, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to questions E b/I:

All samples were analyzed for a subset of the MCP compounds per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Jennifer Jerome

Title: Technical Director/Representative Date: 03/26/26

QC OUTLIER SUMMARY REPORT

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2616257
Report Date: 03/26/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment

There are no QC Outliers associated with this report.

AIR

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2616257
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2616257-01
Client ID: 045163-121WASH-UNIT2
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 08:10
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/26/26 02:04
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2616257-02
Client ID: 045163-121WASH-UNIT1
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 08:13
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/26/26 03:20
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2616257-03
Client ID: 045163-121WASH-RES-F1
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 07:57
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/26/26 03:59
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2616257-04
Client ID: 045163-121WASH-UNIT3
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 08:02
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/26/26 04:37
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	95		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2616257-05
Client ID: 045163-121WASH-SV-2
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 09:02
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/26/26 05:16
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	0.052	0.020	--	0.206	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	0.816	0.020	--	3.24	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	3.59	0.020	--	19.3	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.525	0.020	--	3.56	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

SAMPLE RESULTS

Lab ID: L2616257-06
Client ID: 045163-121WASH-SV-1
Sample Location: SOMERVILLE, MA

Date Collected: 03/18/26 09:43
Date Received: 03/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 101,TO-15-SIM
Analytical Date: 03/26/26 05:55
Analyst: TPH

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.107	0.020	--	0.726	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 101,TO-15-SIM
Analytical Date: 03/25/26 20:40

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-06 Batch: WG2189652-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2616257
Report Date: 03/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-06 Batch: WG2189652-3								
Vinyl chloride	81		-		70-130	-		
1,1-Dichloroethene	76		-		70-130	-		
trans-1,2-Dichloroethene	79		-		70-130	-		
1,1-Dichloroethane	73		-		70-130	-		
cis-1,2-Dichloroethene	74		-		70-130	-		
1,1,1-Trichloroethane	80		-		70-130	-		
Trichloroethene	91		-		70-130	-		
1,1,2-Trichloroethane	88		-		70-130	-		
Tetrachloroethene	86		-		70-130	-		
1,1,2,2-Tetrachloroethane	98		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2616257
Report Date: 03/26/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-06 QC Batch ID: WG2189652-5 QC Sample: L2616257-01 Client ID: 045163-121WASH-UNIT2						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Tetrachloroethene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25

Project Name: TUFTS STREET

Project Number: 045163

Lab Number: L2616257

Report Date: 03/26/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2616257-01	045163-121WASH-UNIT2	02924	Flow 5	03/11/26	558053		-	-	-	Pass	3.0	2.9	3
L2616257-01	045163-121WASH-UNIT2	3258	6.0L Can	03/11/26	558053	L2611516-01	Pass	-29.6	-8.8	-	-	-	-
L2616257-02	045163-121WASH-UNIT1	01416	Flow 5	03/11/26	558053		-	-	-	Pass	3.0	3.2	6
L2616257-02	045163-121WASH-UNIT1	1790	6.0L Can	03/11/26	558053	L2611516-01	Pass	-29.9	-8.2	-	-	-	-
L2616257-03	045163-121WASH-RES-F1	0968	Flow 5	03/11/26	558053		-	-	-	Pass	3.0	3.0	0
L2616257-03	045163-121WASH-RES-F1	2318	6.0L Can	03/11/26	558053	L2611516-01	Pass	-29.7	-7.1	-	-	-	-
L2616257-04	045163-121WASH-UNIT3	02443	Flow 5	03/11/26	558053		-	-	-	Pass	3.0	2.8	7
L2616257-04	045163-121WASH-UNIT3	2320	6.0L Can	03/11/26	558053	L2612077-04	Pass	-29.7	-8.3	-	-	-	-
L2616257-05	045163-121WASH-SV-2	0625	Flow 2	02/25/26	556871		-	-	-	Pass	36.3	36.9	2
L2616257-05	045163-121WASH-SV-2	550	2.7L Can	02/25/26	556871	L2609063-07	Pass	-29.4	-4.1	-	-	-	-
L2616257-06	045163-121WASH-SV-1	03020	Flow 2	02/25/26	556871		-	-	-	Pass	36.4	39.1	7
L2616257-06	045163-121WASH-SV-1	2071	2.7L Can	02/25/26	556871	L2609063-07	Pass	-29.5	-2.5	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609063
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2609063-07
Client ID: CAN 2591 SHELF 17
Sample Location:

Date Collected: 02/19/26 11:10
Date Received: 02/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/19/26 21:41
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609063
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2609063-07
Client ID: CAN 2591 SHELF 17
Sample Location:

Date Collected: 02/19/26 11:10
Date Received: 02/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609063
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2609063-07
Client ID: CAN 2591 SHELF 17
Sample Location:

Date Collected: 02/19/26 11:10
Date Received: 02/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609063
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2609063-07
Client ID: CAN 2591 SHELF 17
Sample Location:

Date Collected: 02/19/26 11:10
Date Received: 02/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2609063

Project Number: CANISTER QC BAT **Report Date:** 03/26/26

Air Canister Certification Results

Lab ID: L2609063-07
Client ID: CAN 2591 SHELF 17
Sample Location:

Date Collected: 02/19/26 11:10
Date Received: 02/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609063
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2609063-07
Client ID: CAN 2591 SHELF 17
Sample Location:

Date Collected: 02/19/26 11:10
Date Received: 02/19/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/19/26 21:41
Analyst: ONG

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2609063
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2609063-07
Client ID: CAN 2591 SHELF 17
Sample Location:

Date Collected: 02/19/26 11:10
Date Received: 02/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2609063
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2609063-07
Client ID: CAN 2591 SHELF 17
Sample Location:

Date Collected: 02/19/26 11:10
Date Received: 02/19/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	77		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	81		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/04/26 22:48
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/04/26 22:48
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2611516
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2611516-01
Client ID: CAN 5761 SHELF 127
Sample Location:

Date Collected: 03/04/26 14:46
Date Received: 03/04/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	85		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2612077
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/07/26 00:30
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2612077
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2612077
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2612077
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2612077

Project Number: CANISTER QC BAT **Report Date:** 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	104		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	109		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2612077

Project Number: CANISTER QC BAT **Report Date:** 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/07/26 00:30
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2612077
Report Date: 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2612077

Project Number: CANISTER QC BAT **Report Date:** 03/26/26

Air Canister Certification Results

Lab ID: L2612077-04
Client ID: CAN 4329 SHELF 123
Sample Location:

Date Collected: 03/05/26 13:00
Date Received: 03/06/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	107		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	113		60-140

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2616257
Report Date: 03/26/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2616257-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Present/Intact		MCP-TO15-SIM(30)
L2616257-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Present/Intact		MCP-TO15-SIM(30)
L2616257-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Present/Intact		MCP-TO15-SIM(30)
L2616257-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Present/Intact		MCP-TO15-SIM(30)
L2616257-05A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Present/Intact		MCP-TO15-SIM(30)
L2616257-06A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Present/Intact		MCP-TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	TUFTS STREET	**Lab Number:**	L2616257
Project Number:	045163	**Report Date:**	03/26/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2616257
Project Number:	045163	**Report Date:**	03/26/26

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	TUFTS STREET	**Lab Number:**	L2616257
Project Number:	045163	**Report Date:**	03/26/26

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: TUFTS STREET
Project Number: 045163
Lab Number: L2616257
Report Date: 03/26/26

REFERENCES

101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile Aromatics.
EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.
EPA 625.1: SVOC-Acid Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

AIR ANALYSIS

PAGE 1 OF 1

Pace ANALYTICAL SERVICES — CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 3-19-26

Pace® Job #: L2616257

Client Information

Client: GEI Consultants, Inc.
Address: 100 Quannapowitt Pkwy.
Wakefield, MA 01880
Phone: 781-721-4000
Fax:
Email: labdata@geiconsultants.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: Tufts St.
Project Location: Somerville, MA
Project #: 045163
Project Manager: Chris Coner
Pace® Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: Also send report to djmiller@geiconsultants.com, Hold analysis for 045163-84-FRANK-B prior to a pressure check

Project-Specific Target Compound List: X

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH (Subset Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
~~15132-01~~	~~045163-84-FRANK-F1~~	3/18/26	0727	0721	-30.05	-10.38	IA	JWG	6L	2918	0827	X					See attached list of analytes
~~-02~~	~~045163-84-FRANK-B~~		0730	0723	-30.15	-0.16	IA		6L	5814	0091	X					
16257-01	045163-121WASH-UNIT2		0810	0810	-29.72	-9.89	IA		6L	3258	02924	X					
-02	045163-121WASH-UNIT1		0813	0813	-30.37	-9.52	IA		6L	1790	01416	X					
-03	045163-121WASH-RES-F1		0757	0757	-30.50	-8.83	IA		6L	2318	0968	X					
-04	045163-121WASH-UNIT3		0802	0802	-29.54	-8.97	IA		6L	2320	02443	X					
-05	045163-121WASH-SV-2		0902	1002	-30.52	-5.49	SV		2.7L	550	0625	X					
-06	045163-121WASH-SV-1		0853	0943	-30.52	-4.26	SV		2.7L	2071	03020	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Jillian Gugg	3/18/26 1200	GEI Sample Room	3/18/26 1200
	3/19/26 1230		3/18/26 1230
	3/19/26 1745		3/19/26 1900
	3/19/26 2245	Brianna Stanton	3-19-26 22:45

Sample Delivery Group Summary

Pace Job Number : L2616257

Account Name : GEI Consultants
Project Number : 045163
Project Name : TUFTS STREET

Received : 19-MAR-2026
Reviewer : Jennifer Jerome

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Present/Intact/N/A			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

Project Name: TUFTS STREET
Project Number: 045163

Lab Number: L2618950
Report Date: 04/08/26

SAMPLE RESULTS

Lab ID: L2618950-01
Client ID: 045163-84-FRANK-B
Sample Location: SOMERVILLE, MA

Date Collected: 04/01/26 16:01
Date Received: 04/02/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 101,TO-15-SIM
Analytical Date: 04/07/26 19:16
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
trans-1,2-Dichloroethene	0.023	0.020	--	0.091	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Tetrachloroethene	0.063	0.020	--	0.427	0.136	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	85		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	86		60-140

Appendix D Pre-Sampling Checklists and Air Sampling Forms

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: 60 Tufts Hallway (Near SS14)

Sample ID: 045163-60TUFT-HALL

Date: 1/7/25-1/8/26

Sampling personnel: N. Troccolo

Summa Canister ID: 2479

Flow Regulator ID: 02003

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0645 (1/7/26)

Sampling Finish Time: 0645 (1/8/26)

During Sampling		
	Time	**Vacuum**
1/7/2026	0645	-29.98
	0749	-29.40
1/8/2026	0631	-13.51
	0645	-13.30

Did Summa canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: -29.98 in. Hg (0.00 before opening)

Pressure gauge reading (After sample collected): Flow Controller: -13.30 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	36	31
Barometric Pressure (in. Hg):	29.62	30.02
Prevailing Wind Direction:	S	WNW
General Weather Conditions:	Rain	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~64	~64
Barometric Pressure (in. Hg):	29.62	30.02

PID readings at sample location (ppmv): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT

Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes

Were any of the residents home during sampling? Yes **If yes, provide detail:** Residents of building walking through the hall

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".

Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
60 Tufts Storage S Area (Back corner by SS1)

Sample ID: 045163-60TUFT-STOR1

Date: 1/7/25-1/8/26
Sampling personnel: N. Troccolo
Summa Canister ID: 2886
Flow Regulator ID: 02859
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0658 (1/7/26)
Sampling Finish Time: 0658 (1/8/26)

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

During Sampling		
	Time	Vacuum
1/7/2026	0658	-29.80
	0750	-29.42
1/8/2026	0634	-9.42
	0658	-9.07

Pressure gauge reading (Pre-opening): **Flow Controller:** -29.80 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -9.07 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	36	31
Barometric Pressure (in. Hg):	29.62	30.03
Prevailing Wind Direction:	S	WNW
General Weather Conditions:	Rain	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~64	~64
Barometric Pressure (in. Hg):	29.62	30.03

PID readings at sample location (ppmv): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? Yes
Were any of the residents home during sampling? No **If yes, provide detail:** N/A
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".
Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):
Paint can, chemicals and can of gas/diesel

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
60 Tufts Storage Area
(Front corner by SS2)

Sample ID: 045163-60TUFT-STOR2

Date: 1/7/25-1/8/26
Sampling personnel: N. Troccolo
Summa Canister ID: 2630
Flow Regulator ID: 02747
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0653 (1/7/26)
Sampling Finish Time: 0653 (1/8/26)

During Sampling		
	Time	Vacuum
1/7/2026	0653	-29.75
	0747	-29.28
1/8/2026	0634	-11.78
	0653	-11.54

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -29.75 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -11.54 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	36	31
Barometric Pressure (in. Hg):	29.62	30.03
Prevailing Wind Direction:	S	WNW
General Weather Conditions:	Rain	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~64	~64
Barometric Pressure (in. Hg):	29.62	30.03

PID readings at sample location (ppmv): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? Yes
Were any of the residents home during sampling? No **If yes, provide detail:** N/A
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".
Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):
-Paint can, chemicals and can of gas/diesel

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
60 Tufts Unit 1
(Center of living space)

Sample ID: 045163-60TUFTS-1

Date: 1/7/25-1/8/26
Sampling personnel: N. Troccolo
Summa Canister ID: 1844
Flow Regulator ID: 02243
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0615 (1/7/26)
Sampling Finish Time: 0615 (1/8/26)

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

	During Sampling	
	Time	**Vacuum**
1/7/2026	0615	-29.87
	0607	-9.36
1/8/2026	0615	-9.30

Pressure gauge reading (Pre-opening): **Flow Controller:** -29.87 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -9.30 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	36	31
Barometric Pressure (in. Hg):	29.63	30.01
Prevailing Wind Direction:	S	WNW
General Weather Conditions:	Rain	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~68	~68
Barometric Pressure (in. Hg):	29.63	30.01

PID readings at sample location (ppmv): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? Yes
Were any of the residents home during sampling? Yes **If yes, provide detail:** 1 adult
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".
Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: 60 Tufts Unit 4 (Basement)

Sample ID: 045163-60TUFTS4-B

Date: 1/7/25-1/8/26

Sampling personnel: N. Troccolo

Summa Canister ID: 1994

Flow Regulator ID: 0435

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0755 (1/7/26)

Sampling Finish Time: 0755 (1/8/26)

During Sampling		
	Time	Vacuum
1/7/2026	0755	-29.95
1/8/2026	0755	-8.32

Did Summa canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: -29.95 in. Hg (0.00 before opening)

Pressure gauge reading (After sample collected): Flow Controller: -8.32 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	36	31
Barometric Pressure (in. Hg):	29.64	30.05
Prevailing Wind Direction:	S	W
General Weather Conditions:	Cloudy	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~66	~66
Barometric Pressure (in. Hg):	29.64	30.05

PID readings at sample location (ppmv): 0.1-0.2

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT

Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes

Were any of the residents home during sampling? Yes **If yes, provide detail:** 1-2 adults

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".

Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
60 Tufts Unit 4
(First Floor)

Sample ID: 045163-60TUFTS4-1

Date: 1/7/25-1/8/26
Sampling personnel: N. Troccolo
Summa Canister ID: 5536
Flow Regulator ID: 01277
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0759 (1/7/26)
Sampling Finish Time: 0759 (1/8/26)

	During Sampling	
	Time	Vacuum
1/7/2026	0759	-29.78
1/8/2026	0759	-11.32

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -29.78 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -11.32 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	36	31
Barometric Pressure (in. Hg):	29.64	30.05
Prevailing Wind Direction:	S	W
General Weather Conditions:	Cloudy	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	29.64	30.05

PID readings at sample location (ppmv): 0.2

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? Yes
Were any of the residents home during sampling? Yes **If yes, provide detail:** 1-2 adults
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".
Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: 60 Tufts Garage (bike storage room)

Sample ID: 045163-60TUFT-GARG

Date: 1/7/25-1/8/26

Sampling personnel: N. Troccolo

Summa Canister ID: 1900

Flow Regulator ID: 0023

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0630 (1/7/26)

Sampling Finish Time: 0630 (1/8/26)

Did Summa canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

During Sampling		
	Time	**Vacuum**
1/7/2026	0630	-29.75
	0750	-28.72
1/8/2026	0603	-8.47
	0630	-8.40

Pressure gauge reading (Pre-opening): **Flow Controller:** -29.75 in. Hg (0.00 before opening)

Pressure gauge reading (After sample collected): **Flow Controller:** -8.40 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	36	31
Barometric Pressure (in. Hg):	29.63	30.01
Prevailing Wind Direction:	S	WNW
General Weather Conditions:	Rain	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~64	~64
Barometric Pressure (in. Hg):	29.63	30.01

PID readings at sample location (ppmv): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT

Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes

Were any of the residents home during sampling? Yes **If yes, provide detail:** Residents of building

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".

Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): Exit door open/closed throughout sampling for resident entry/exit to parking

GEI Consultants

SUB-SLAB SAMPLING CHECKLIST

Sampling Location:
60 Tufts Hallway

Sample ID: 045163-60TUFT-SS14

Date: 1/8/26

Sampling personnel: N. Troccolo, C. DeMayo

Summa Canister ID: 3932

Flow Regulator ID: 01742

Sample Type / Analysis Method: TO-15

Sampling Start Time: 0750

Sampling Finish Time: 0850

Did Summa Canister go to ambient pressure? No

During Sampling	
Time	**Vacuum**
0750	-30.57
0805	-24.06
0820	-15.69
0835	-11.11
0850	-4.28

Pressure gauge reading (Pre-opening): **Flow Controller:** 0.00 --> -30.57 in.Hg

Pressure gauge reading (After sample collected): **Flow Controller:** -4.28 --> 0.00 in.Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature:	31°F	35°F
Barometric Pressure:	30.05 in. Hg	30.12 in. Hg
Prevailing Wind Direction:	W	W
General Weather Conditions:	Sunny	Sunny

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT

Vacuum prior to sampling (in. WC): 0.000

Ambient air concentration (ppm): 0.0

Soil gas concentration prior to sampling (ppm): 0.0 - 0.1

Vapor point purged for ~5 min **with a MiniRAE 3000 (500-600 cc/min) prior to sampling.**

Comments:

GEI Consultants

SUB-SLAB SAMPLING CHECKLIST

Sampling Location:
60 Tufts Garage
(bike storage room)

Sample ID: 045163-60TUFT-SS10

Date: 1/8/26

Sampling personnel: N. Troccolo, C. DeMayo

Summa Canister ID: 4374

Flow Regulator ID: 01509

Sample Type / Analysis Method: TO-15

Sampling Start Time: 0715

Sampling Finish Time: 0815

Did Summa Canister go to ambient pressure? No

During Sampling	
Time	**Vacuum**
0715	-30.32
0730	-24.83
0745	-18.36
0800	-12.57
0815	-5.36

Pressure gauge reading (Pre-opening): **Flow Controller:** 0.00 --> -30.32 in.Hg

Pressure gauge reading (After sample collected): **Flow Controller:** -5.36 --> 0.00 in.Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature:	31°F	31°F
Barometric Pressure:	30.05 in. Hg	30.05 in. Hg
Prevailing Wind Direction:	W	W
General Weather Conditions:	Sunny	Sunny

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT

Vacuum prior to sampling (in. WC): 0.000

Ambient air concentration (ppm): 0.0

Soil gas concentration prior to sampling (ppm): 0.0

Vapor point purged for ~5 min **with a MiniRAE 3000 (500-600 cc/min) prior to sampling.**

Comments:

GEI Consultants

SUB-SLAB SAMPLING CHECKLIST

Sampling Location:
60 Tufts Storage S Area
(Back corner)

Sample ID: 045163-60TUFT-SS1

Date: 1/8/26

Sampling personnel: N. Troccolo, C. DeMayo

Summa Canister ID: 3928

Flow Regulator ID: 0830

Sample Type / Analysis Method: TO-15

Sampling Start Time: 0925

Sampling Finish Time: 1025

Did Summa Canister go to ambient pressure? No

During Sampling	
Time	**Vacuum**
0925	-30.28
0940	-23.65
0955	-17.65
1010	-11.36
1025	-5.61

Pressure gauge reading (Pre-opening): **Flow Controller:** 0.00 --> -30.28 in.Hg

Pressure gauge reading (After sample collected): **Flow Controller:** -5.61 --> 0.00 in.Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature:	37°F	39°F
Barometric Pressure:	30.14 in. Hg	30.14 in. Hg
Prevailing Wind Direction:	WNW	WNW
General Weather Conditions:	Sunny	Sunny

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT

Vacuum prior to sampling (in. WC): 0.000

Ambient air concentration (ppm): 0.1

Soil gas concentration prior to sampling (ppm): 0.1

Vapor point purged for ~5 min **with a MiniRAE 3000 (500-600 cc/min) prior to sampling.**

Comments: Paints/chemicals stored and gas/diesel can in basement

GEI Consultants

SUB-SLAB SAMPLING CHECKLIST

Sampling Location:
60 Tufts Storage S Area
(Front corner)

Sample ID: 045163-60TUFT-StorageS-SS2

Date: 1/8/26

Sampling personnel: N. Troccolo, C. DeMayo

Summa Canister ID: 3005

Flow Regulator ID: 01085

Sample Type / Analysis Method: TO-15

Sampling Start Time: 0930

Sampling Finish Time: 1030

Did Summa Canister go to ambient pressure? No

During Sampling	
Time	**Vacuum**
0930	-30.22
0945	-24.41
1000	-18.09
1015	-11.02
1030	-5.78

Pressure gauge reading (Pre-opening): **Flow Controller:** 0.00 --> -30.22 in.Hg

Pressure gauge reading (After sample collected): **Flow Controller:** -5.78 --> 0.00 in.Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature:	37°F	39°F
Barometric Pressure:	30.14 in. Hg	30.14 in. Hg
Prevailing Wind Direction:	WNW	WNW
General Weather Conditions:	Sunny	Sunny

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT

Vacuum prior to sampling (in. WC): 0.000

Ambient air concentration (ppm): 0.1

Soil gas concentration prior to sampling (ppm): 0.1

Vapor point purged for ~5 min **with a MiniRAE 3000 (500-600 cc/min) prior to sampling.**

Comments: Paints/chemicals stored and gas/diesel can in basement

GEI Consultants

SUB-SLAB SAMPLING CHECKLIST

Sampling Location:
60 Tufts Unit 1
(Center of living area)

Sample ID: 045163-60TUFT-SS13

Date: 1/8/26

Sampling personnel: N. Troccolo, C. DeMayo

Summa Canister ID: 2558

Flow Regulator ID: 0717

Sample Type / Analysis Method: TO-15

Sampling Start Time: 0625

Sampling Finish Time: 0725

Did Summa Canister go to ambient pressure? No

During Sampling	
Time	**Vacuum**
0625	-29.92
0640	-23.33
0655	-17.59
0710	-11.31
0725	-6.41

Pressure gauge reading (Pre-opening): **Flow Controller:** 0.00 --> -29.92 in.Hg

Pressure gauge reading (After sample collected): **Flow Controller:** -6.41 --> 0.00 in.Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature:	31°F	31°F
Barometric Pressure:	30.01 in. Hg	30.05 in. Hg
Prevailing Wind Direction:	WNW	W
General Weather Conditions:	Sunny	Sunny

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT

Vacuum prior to sampling (in. WC): 0.000

Ambient air concentration (ppm): 0.0

Soil gas concentration prior to sampling (ppm): 0.0

Vapor point purged for ~5 min **with a MiniRAE 3000 (500-600 cc/min) prior to sampling.**

Comments:

GEI Consultants

SUB-SLAB SAMPLING CHECKLIST

Sampling Location:
60 Tufts Unit 4 Basement (Back Corner)

Sample ID: 045163-60TUFTS4-SS2

Date: 1/8/26

Sampling personnel: N. Troccolo, C. DeMayo

Summa Canister ID: 3894

Flow Regulator ID: 01453

Sample Type / Analysis Method: TO-15

Sampling Start Time: 0805

Sampling Finish Time: 0905

Did Summa Canister go to ambient pressure? No

During Sampling	
Time	**Vacuum**
0805	-30.13
0820	-24.87
0835	-18.89
0850	-12.95
0905	-6.82

Pressure gauge reading (Pre-opening): **Flow Controller:** 0.00 --> -30.13 in.Hg

Pressure gauge reading (After sample collected): **Flow Controller:** -6.82 --> 0.00 in.Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature:	31°F	35°F
Barometric Pressure:	30.05 in. Hg	30.12 in. Hg
Prevailing Wind Direction:	W	W
General Weather Conditions:	Sunny	Sunny

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT

Vacuum prior to sampling (in. WC): 0.000

Ambient air concentration (ppm): 0.2

Soil gas concentration prior to sampling (ppm): 2.1

Vapor point purged for ~5 min **with a MiniRAE 3000 (500-600 cc/min) prior to sampling.**

Comments: Basement recently had new epoxy floor installed, bike repair fluids stored

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
19 Tufts - First Floor

Sample ID: 045163-19Tufts-1

Date: 1/14/2026-1/15/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 1702
Flow Regulator ID: 02437
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0900 (1/14/2026)
Sampling Finish Time: 0900 (1/15/2026)

	During Sampling	
	Time	**Vacuum**
1/14/2026	0900	-29.84
1/15/2026	0900	-11.16

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -29.84 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -11.16 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	44	44
Barometric Pressure (in. Hg):	29.64	29.29
Prevailing Wind Direction:	SSW	S
General Weather Conditions:	Partly Cloudy	Cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	29.64	29.29

PID readings at sample location (ppm): 0

Photographs taken before sampling? Yes **If Yes, what time:** _____ **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** _____ **Taken by:** _____

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** Resident
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".
Basement Ceiling Height (to joists): Front _____; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
19 Tufts - Basement

Sample ID: 045163-19Tufts-B

Date: 1/14/2026-1/15/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 1665
Flow Regulator ID: 02749
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0905 (1/14/2026)
Sampling Finish Time: 0905 (1/15/2026)

	During Sampling	
	Time	**Vacuum**
1/14/2026	0905	-29.64
1/15/2026	0905	-10.59

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -29.64 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -10.59 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	44	44
Barometric Pressure (in. Hg):	29.64	29.29
Prevailing Wind Direction:	SSW	S
General Weather Conditions:	Partly Cloudy	Cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	29.64	29.29

PID readings at sample location (ppm): 0

Photographs taken before sampling? Yes **If Yes, what time:** _____ **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** _____ **Taken by:** _____

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** Resident
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".
Basement Ceiling Height (to joists): Front _____; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
19 Tufts - First Floor

Sample ID: 045163-19Tufts-1

Date: 3/9/2026 - 3/10/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 3257
Flow Regulator ID: 0062
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0935 (3/9/2026)
Sampling Finish Time: 0935 (3/10/2026)

During Sampling		
	Time	**Vacuum**
3/9/2026	0935	-30.18
3/10/2026	0935	-8.84

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.18 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -8.84 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	45	50
Barometric Pressure (in. Hg):	29.99	29.97
Prevailing Wind Direction:	SW	SW
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~68	~68
Barometric Pressure (in. Hg):	29.99	29.97

PID readings at sample location (ppm): 0.1 - 0.2

Photographs taken before sampling? Yes **If Yes, what time:** 0935 **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** _____ **Taken by:** _____

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** 2 adults + pet
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.
Basement Ceiling Height (to joists): Front _____85"_____; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):
-Basement is used for storage

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
19 Tufts - Basement

Sample ID: 045163-19Tufts-B

Date: 3/9/2026 - 3/10/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 4421
Flow Regulator ID: 0836
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0940 (3/9/2026)
Sampling Finish Time: 0940 (3/10/2026)

During Sampling		
	Time	**Vacuum**
3/9/2026	0940	-30.47
3/10/2026	0940	-8.03

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.47 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -8.03 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	46	50
Barometric Pressure (in. Hg):	29.99	29.97
Prevailing Wind Direction:	SW	SW
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~64	~64
Barometric Pressure (in. Hg):	29.99	29.97

PID readings at sample location (ppm): 0

Photographs taken before sampling? Yes **If Yes, what time:** 0940 **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** _____ **Taken by:** _____

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** 2 adults + pet
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.
Basement Ceiling Height (to joists): Front _____85"_____; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):
-Basement is used for storage

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
25 Tufts - First Floor

Sample ID: 045163-25TUFTS-1

Date: 1/19/2026-1/20/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 5958
Flow Regulator ID: 02929
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0910 (1/19/2026)
Sampling Finish Time: 0910 (1/20/2026)

	During Sampling	
	Time	**Vacuum**
1/19/2026	0910	-30.11
1/20/2026	0910	-11.09

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.11 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -11.09 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	29	20
Barometric Pressure (in. Hg):	29.81	30.12
Prevailing Wind Direction:	W	W
General Weather Conditions:	Snow	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	29.81	30.12

PID readings at sample location (ppm): 0

Photographs taken before sampling? Yes **If Yes, what time:** _____ **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** _____ **Taken by:** _____

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? Yes
Were any of the residents home during sampling? Yes **If yes, provide detail:** 2 Residents, pets
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".
Basement Ceiling Height (to joists): Front _____; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): In side room next to dining room

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
25 Tufts - Basement

Sample ID: 045163-25TUFTS-B

Date: 1/19/2026-1/20/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 5149
Flow Regulator ID: 02793
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0905 (1/19/2026)
Sampling Finish Time: 0905 (1/20/2026)

	During Sampling	
	Time	**Vacuum**
1/19/2026	0905	-29.82
1/20/2026	0905	-10.49

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -29.82 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -10.49 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	29	20
Barometric Pressure (in. Hg):	29.81	30.12
Prevailing Wind Direction:	W	W
General Weather Conditions:	Snow	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~64	~64
Barometric Pressure (in. Hg):	29.81	30.12

PID readings at sample location (ppm): 0

Photographs taken before sampling? Yes **If Yes, what time:** _____ **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** _____ **Taken by:** _____

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? Yes
Were any of the residents home during sampling? Yes **If yes, provide detail:** 2 Residents, pets
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".
Basement Ceiling Height (to joists): Front _____; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
25 Tufts Street - First Floor

Sample ID: 045163-25TUFTS-1

Date: 3/5/26 - 3/6/26
Sampling personnel: N. Troccolo
Summa Canister ID: 2840
Flow Regulator ID: 01301
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 9:40 (3/5/26)
Sampling Finish Time: 9:40 (3/5/26)

	During Sampling	
	Time	**Vacuum**
3/5/2026	9:40	-31.00
3/6/2026	9:40	-10.04

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -31.00 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -10.04 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	38	32
Barometric Pressure (in. Hg):	30.26	30.40
Prevailing Wind Direction:	N	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	30.26	30.40

PID readings at sample location (ppm): 0 - 0.1

Photographs taken before sampling? Yes **If Yes, what time:** 9:40 **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** _____ **Taken by:** _____

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? Yes
Were any of the residents home during sampling? Yes **If yes, provide detail:** 2 Residents
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ____5'_____.
Basement Ceiling Height (to joists): Front ____82"____; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): Basement used for storage

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
25 Tufts Street - Basement

Sample ID: 045163-25TUFTS-B

Date: 3/5/26 - 3/6/26
Sampling personnel: N. Troccolo
Summa Canister ID: 5261
Flow Regulator ID: 03140
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 9:35 (3/5/26)
Sampling Finish Time: 9:35 (3/5/26)

	During Sampling	
	Time	**Vacuum**
3/5/2026	9:35	-31.03
3/6/2026	9:35	-11.04

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -31.03 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -11.04 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	38	32
Barometric Pressure (in. Hg):	30.26	30.40
Prevailing Wind Direction:	N	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~66	~66
Barometric Pressure (in. Hg):	30.26	30.40

PID readings at sample location (ppm): 0 - 0.1

Photographs taken before sampling? Yes **If Yes, what time:** 9:35 **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** _____ **Taken by:** _____

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? Yes
Were any of the residents home during sampling? Yes **If yes, provide detail:** 2 Residents
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ____5'_____.
Basement Ceiling Height (to joists): Front ____82"____; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): Basement used for storage

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: 166 Glen First Floor (Living room)

Sample ID: 045163-166GLEN-F1

Date: 1/27/2026 to 1/28/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 5150
Flow Regulator ID: 02813
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0840 (1/27/2026)
Sampling Finish Time: 0840 (1/28/2026)

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

	During Sampling	
	Time	**Vacuum**
1/27/2026	0840	-30.54
1/28/2026	0840	-12.76

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.54 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -12.76 in. Hg (0.00 after closing)

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	~9	~10
Barometric Pressure (in. Hg):	29.98	30.04
Prevailing Wind Direction:	W	W
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	29.98	30.04

PID readings at sample location (ppmv): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** 1-2 adults
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.
Basement Ceiling Height (to joists): Front_____ **; Back**_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): Basement used for storage and laundry. Household cleaning chemicals near washing machine.

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: 166 Glen - Basement

Sample ID: 045163-166GLEN-B1

Date: 2/5/2026 to 2/6/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 3486
Flow Regulator ID: 02741
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0835 (2/5/2026)
Sampling Finish Time: 0835 (2/6/2026)

During Sampling	
Time	**Vacuum**
0835 (2/5/2026)	-30.07
0828 (2/6/2026)	-9.33
0835 (2/6/2026)	-9.24

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.07 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -9.24 in. Hg (0.00 after closing)

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	~12	~19
Barometric Pressure (in. Hg):	30.05	29.78
Prevailing Wind Direction:	W	NNW
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	30.05	29.78

PID readings at sample location (ppmv): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** 1-2 adults
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5.
Basement Ceiling Height (to joists): Front____6' 1"____ ; Back_____6' 9"_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): Basement used for storage and laundry. Household cleaning chemicals near washing machine. Paint cans also nearby

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
17 Knowlton - First Floor

Sample ID: 045163-17KNOW-F1

Date: 1/27/26-1/28/26
Sampling personnel: N. Troccolo
Summa Canister ID: 1540
Flow Regulator ID: 0359
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0915 (1/27/26)
Sampling Finish Time: 0915 (1/28/26)

During Sampling	
Time	**Vacuum**
0915	-31.30
0915	-10.80

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -31.30 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -10.80 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	10	11
Barometric Pressure (in. Hg):	30.02	30.06
Prevailing Wind Direction:	W	W
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	30.02	30.06

PID readings at sample location (ppm): 0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? Yes
Were any of the residents home during sampling? Yes **If yes, provide detail:** Residents + pets
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4' 10".
Basement Ceiling Height (to joists): Front _____; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
17 Knowlton - Basement

Sample ID: 045163-17KNOW-B

Date: 1/27/26-1/28/26
Sampling personnel: N. Troccolo
Summa Canister ID: 4871
Flow Regulator ID: 02868
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0907 (1/27/26)
Sampling Finish Time: 0907 (1/28/26)

During Sampling	
Time	**Vacuum**
0907	-30.61
0907	-10.26

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.61 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -10.26 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	10	11
Barometric Pressure (in. Hg):	30.02	30.06
Prevailing Wind Direction:	W	W
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~68	~68
Barometric Pressure (in. Hg):	30.02	30.06

PID readings at sample location (ppm): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? Yes
Were any of the residents home during sampling? Yes **If yes, provide detail:** Residents + pets
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4' 10".
Basement Ceiling Height (to joists): Front _____; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
31 Tufts St Unit 101

Sample ID: 045163-31TUFT-IA-2

Date: 2/5/2026 to 2/6/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 5251
Flow Regulator ID: 02775
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 1020 (2/5/2026)
Sampling Finish Time: 1020 (2/6/2026)

During Sampling	
Time	**Vacuum**
2/5/2026 1020	-30.29
2/6/2026 1020	-7.99

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.29 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -7.99 in. Hg (0.00 after closing)

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	~23	~23
Barometric Pressure (in. Hg):	30.05	29.74
Prevailing Wind Direction:	WNW	N
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	30.05	29.74

PID readings at sample location (ppmv): 0.1-0.3

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** Residents live in apartment
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.
Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: 31 Tufts St Sprinkler Room/Utility Closet

Sample ID: 045163-31TUFT-IA-3

Date: 2/5/2026 to 2/6/2026

Sampling personnel: N. Troccolo

Summa Canister ID: 4358

Flow Regulator ID: 0875

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 1016 (2/5/2026)

Sampling Finish Time: 1016 (2/6/2026)

During Sampling		
	Time	Vacuum
2/5/2026	1016	-30.61
2/6/2026	1008	-7.50
	1016	-7.31

Did Summa canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.61 in. Hg (0.00 before opening)

Pressure gauge reading (After sample collected): **Flow Controller:** -7.31 in. Hg (0.00 after closing)

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	~23	~23
Barometric Pressure (in. Hg):	30.05	29.74
Prevailing Wind Direction:	WNW	N
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	30.05	29.74

PID readings at sample location (ppmv): 0.2-0.3

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT

Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? No

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.

Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

-Cleaning supplies storage, paint can

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
31 Tufts St Unit 103

Sample ID: 045163-31TUFT-IA-4

Date: 2/5/2026 to 2/6/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 5476
Flow Regulator ID: 02904
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 1029 (2/5/2026)
Sampling Finish Time: 1029 (2/6/2026)

During Sampling	
Time	**Vacuum**
2/5/2026 1029	-30.32
2/6/2026 1029	-9.55

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.32 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -9.55 in. Hg (0.00 after closing)

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	~23	~23
Barometric Pressure (in. Hg):	30.05	29.74
Prevailing Wind Direction:	WNW	N
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	30.05	29.74

PID readings at sample location (ppmv): 0.1

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** Residents live in apartment
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.
Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
31 Tufts St Unit 102

Sample ID: 045163-31TUFT-IA-5

Date: 2/5/2026 to 2/6/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 5504
Flow Regulator ID: 02943
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 1025 (2/5/2026)
Sampling Finish Time: 1025 (2/6/2026)

During Sampling		
	Time	Vacuum
2/5/2026	1025	-30.36
2/6/2026	1025	-7.66

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.36 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -7.66 in. Hg (0.00 after closing)

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	~23	~23
Barometric Pressure (in. Hg):	30.05	29.74
Prevailing Wind Direction:	WNW	N
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	30.05	29.74

PID readings at sample location (ppmv): 0.1-0.2

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? Yes **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? No **If yes, provide detail:**
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.
Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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SUB-SLAB SAMPLING CHECKLIST

Sampling Location: 31 Tufts SV1 (In Utility/Sprinkler room)

Sample ID: 045163-31TUFT-SV-1

Date: 2/6/25

Sampling personnel: N. Troccolo, J. Higgins

Summa Canister ID: 452

Flow Regulator ID: 01396

Sample Type / Analysis Method: TO-15

Sampling Start Time: 1046

Sampling Finish Time: 1146

Did Summa Canister go to ambient pressure? No

During Sampling	
Time	**Vacuum**
1046	-29.92
1101	-23.87
1116	-17.70
1131	-12.01
1146	-6.03

Pressure gauge reading (Pre-opening): **Flow Controller:** 0.00 --> -29.92 in.Hg

Pressure gauge reading (After sample collected): **Flow Controller:** -6.03 --> 0.00 in.Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature:	23°F	23°F
Barometric Pressure:	29.73	29.68
Prevailing Wind Direction:	N	N
General Weather Conditions:	Cloudy	Snow

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT

Vacuum prior to sampling (in. WC): 0.000

Ambient air concentration (ppm): 0.2

Soil gas concentration prior to sampling (ppm): 0.2

Vapor point purged for ~5 min **with a MiniRAE 3000 (500-600 cc/min) prior to sampling.**

Comments:

-Cleaning chemicals and paint can

GEI Consultants

SUB-SLAB SAMPLING CHECKLIST

Sampling Location:
31 Tufts SV2 (the central SV point under staircase)

Sample ID: 045163-31TUFT-SV-2

Date: 2/6/26

Sampling personnel: N. Troccolo, J. Higgins

Summa Canister ID: 3031

Flow Regulator ID: 02069

Sample Type / Analysis Method: TO-15

Sampling Start Time: 1050

Sampling Finish Time: 1150

Did Summa Canister go to ambient pressure? No

During Sampling	
Time	**Vacuum**
1050	-30.25
1105	-24.51
1120	-17.86
1135	-11.48
1150	-5.22

Pressure gauge reading (Pre-opening): **Flow Controller:** 0.00 --> -30.25 in.Hg

Pressure gauge reading (After sample collected): **Flow Controller:** -5.22 --> 0.00 in.Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature:	23°F	23°F
Barometric Pressure:	29.73	29.68
Prevailing Wind Direction:	N	N
General Weather Conditions:	Cloudy	Snow

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT

Vacuum prior to sampling (in. WC): 0.000

Ambient air concentration (ppm): 0.2

Soil gas concentration prior to sampling (ppm): 0.2

Vapor point purged for ~5 min **with a MiniRAE 3000 (500-600 cc/min) prior to sampling.**

Comments:

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: 162-164 Glen First Floor (Kitchen)

Sample ID: 045163-162-164-GLEN-1

Date: 2/5/2026 to 2/6/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 5540
Flow Regulator ID: 02983
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 1115 (2/5/2026)
Sampling Finish Time: 1115 (2/6/2026)

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

	During Sampling	
	Time	Vacuum
2/5/2026	1115	-29.89
2/6/2026	1115	-8.28

Pressure gauge reading (Pre-opening): **Flow Controller:** -29.89 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -8.28 in. Hg (0.00 after closing)

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	~26	~25
Barometric Pressure (in. Hg):	30.02	29.73
Prevailing Wind Direction:	WNW	N
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	30.02	29.73

PID readings at sample location (ppmv): 0-0.1

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** 1-2 adults
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.
Basement Ceiling Height (to joists): Front_____ **; Back**_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): Basement used for storage and laundry. Household cleaning chemicals and detergents near washing machines.

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: 162-164 Glen Basement

Sample ID: 045163-162-164-GLEN-B

Date: 2/5/2026 to 2/6/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 655
Flow Regulator ID: 02985
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 1108 (2/5/2026)
Sampling Finish Time: 1108 (2/6/2026)

	During Sampling	
	Time	**Vacuum**
2/5/2026	1108	-30.64
2/6/2026	1108	-7.66

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: -30.64 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): Flow Controller: -7.66 in. Hg (0.00 after closing)

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	~26	~25
Barometric Pressure (in. Hg):	30.02	29.73
Prevailing Wind Direction:	WNW	N
General Weather Conditions:	Sunny	Cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~68	~68
Barometric Pressure (in. Hg):	30.02	29.73

PID readings at sample location (ppmv): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** 1-2 adults
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.
Basement Ceiling Height (to joists): Front_____89"_____ ; Back_____89"_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): Basement used for storage and laundry. Household cleaning chemicals and detergents near washing machines.

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
162-164 Glen
First Floor (Kitchen)

Sample ID: 045163-162-164-GLEN-1

Date: 3/9/2026 - 3/10/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 5230
Flow Regulator ID: 03308
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0910 (3/9/2026)
Sampling Finish Time: 0910 (3/10/2026)

	During Sampling	
	Time	**Vacuum**
3/9/2026	0910	-30.23
3/10/2026	0910	-10.96

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.23 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -10.96 in. Hg (0.00 after closing)

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	41	49
Barometric Pressure (in. Hg):	29.99	29.97
Prevailing Wind Direction:	SW	SW
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	29.99	29.97

PID readings at sample location (ppmv): 0 - 0.1

Photographs taken before sampling? Yes **If Yes, what time:** 0910 **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** 1-2 adults
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.
Basement Ceiling Height (to joists): Front_____89"_____ ; Back_____89"_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): Basement used for storage and laundry. Household cleaning chemicals and detergents near washing machines.

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: 162-164 Glen Basement

Sample ID: 045163-162-164-GLEN-B

Date: 3/9/2026 - 3/10/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 5224
Flow Regulator ID: 03143
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0905 (3/9/2026)
Sampling Finish Time: 0905 (3/10/2026)

During Sampling		
	Time	Vacuum
3/9/2026	0905	-30.43
3/10/2026	0905	-9.97

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: -30.43 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): Flow Controller: -9.97 in. Hg (0.00 after closing)

Environmental Conditions (Outside):	Before Sampling	After Sampling
Temperature (°F):	41	49
Barometric Pressure (in. Hg):	29.99	29.97
Prevailing Wind Direction:	SW	SW
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):	Before Sampling	After Sampling
Temperature (°F):	~64	~64
Barometric Pressure (in. Hg):	29.99	29.97

PID readings at sample location (ppmv): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** 0905 **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** 1-2 adults
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.
Basement Ceiling Height (to joists): Front_____89"_____ ; Back_____89"_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): Basement used for storage and laundry. Household cleaning chemicals and detergents near washing machines.

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: 97 Franklin Basement

Sample ID: 045163-97FRAN-B

Date: 2/9/2026 to 2/10/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 3059
Flow Regulator ID: 02763
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 1105 (2/9/2026)
Sampling Finish Time: 1105 (2/10/2026)

During Sampling		
	Time	Vacuum
2/9/2026	1105	-30.97
2/10/2026	1105	-11.67

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.97 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -11.67 in. Hg (0.00 after closing)

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	~22	~29
Barometric Pressure (in. Hg):	30.11	30.08
Prevailing Wind Direction:	NW	W
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	30.11	30.08

PID readings at sample location (ppmv): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** 1 adult and pet
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.
Basement Ceiling Height (to joists): Front_____76"_____ ; Back____79"____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): Basement used for storage and laundry. Household cleaning chemicals near washing machine. Paints, glues, crack fillers, and other chemicals in basement.

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: 97 Franklin First Floor

Sample ID: 045163-97FRAN-1

Date: 2/9/2026 to 2/10/2026
Sampling personnel: N. Troccolo
Summa Canister ID: 4300
Flow Regulator ID: 0126
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 1110 (2/9/2026)
Sampling Finish Time: 1110 (2/10/2026)

During Sampling		
	Time	Vacuum
2/9/2026	1110	-30.50
2/10/2026	1110	-6.48

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.50 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -6.48 in. Hg (0.00 after closing)

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	~22	~29
Barometric Pressure (in. Hg):	30.11	30.08
Prevailing Wind Direction:	NW	W
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	30.11	30.08

PID readings at sample location (ppmv): 0-0.1

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** 1 adult and pet
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.
Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): Basement used for storage and laundry. Household cleaning chemicals near washing machine. Paints, glues, crack fillers, and other chemicals in basement.

GEI Consultants

SUB-SLAB SAMPLING CHECKLIST

Sampling Location:
97 Franklin Basement (Under workbench)

Sample ID: 045163-97FRANK-SS1

Date: 2/10/26
Sampling personnel: N. Troccolo
Summa Canister ID: 3402
Flow Regulator ID: 03084
Sample Type / Analysis Method: TO-15
Sampling Start Time: 1135
Sampling Finish Time: 1211

Did Summa Canister go to ambient pressure? No

During Sampling	
Time	**Vacuum**
1135	-30.07
1150	-20.01
1205	-8.94
1211	-3.00

Pressure gauge reading (Pre-opening): **Flow Controller:** 0.00 --> -30.07 in.Hg
Pressure gauge reading (After sample collected): **Flow Controller:** -3.00 --> 0.00 in.Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature:	30°F	32°F
Barometric Pressure:	30.08 in. Hg	30.04 in. Hg
Prevailing Wind Direction:	SW	SW
General Weather Conditions:	Cloudy	Cloudy

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT
Vacuum prior to sampling (in. WC): 0.000
Ambient air concentration (ppm): 0.0
Soil gas concentration prior to sampling (ppm): 0.0
Vapor point purged for ~5 min **with a MiniRAE 3000 (500-600 cc/min) prior to sampling.**

Comments: Paints, glues, crack fillers, and other chemicals in basement

GEI Consultants

SUB-SLAB SAMPLING CHECKLIST

Sampling Location:
97 Franklin Basement (Next to laundry machines)

Sample ID: 045163-97FRANK-SS2

Date: 2/10/26

Sampling personnel: N. Troccolo

Summa Canister ID: 552

Flow Regulator ID: 02848

Sample Type / Analysis Method: TO-15

Sampling Start Time: 1130

Sampling Finish Time: 1230

Did Summa Canister go to ambient pressure? No

During Sampling	
Time	**Vacuum**
1130	-30.21
1145	-23.87
1200	-17.83
1215	-11.21
1230	-5.21

Pressure gauge reading (Pre-opening): **Flow Controller:** 0.00 --> -30.21 in.Hg

Pressure gauge reading (After sample collected): **Flow Controller:** -5.21 --> 0.00 in.Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature:	30°F	32°F
Barometric Pressure:	30.08 in. Hg	30.04 in. Hg
Prevailing Wind Direction:	SW	SW
General Weather Conditions:	Cloudy	Cloudy

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** NMT

Vacuum prior to sampling (in. WC): 0.000

Ambient air concentration (ppm): 0.0

Soil gas concentration prior to sampling (ppm): 0.0

Vapor point purged for ~5 min **with a MiniRAE 3000 (500-600 cc/min) prior to sampling.**

Comments: Paints, glues, crack fillers, and other chemicals in basement

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
4 Morton Street
First Floor (Kitchen)

Sample ID: 045163-4MORT-1

Date: 2/26/2026 to 2/27/2026
Sampling personnel: D. Miller
Summa Canister ID: 5874
Flow Regulator ID: 01208
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 11:25 (2/26/2026)
Sampling Finish Time: 11:25 (2/27/2026)

During Sampling		
	Time	Vacuum
2/26/2026	11:25	-30.11
2/27/2026	11:12	-8.32
	11:25	-8.10

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.11 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -8.10 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	37	34
Barometric Pressure (in. Hg):	29.89	30.12
Prevailing Wind Direction:	W	SW
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	64	64
Barometric Pressure (in. Hg):	29.89	30.12

PID readings at sample location (ppmv): 0-0.1

Photographs taken before sampling? Yes **If Yes, what time:** 1125 **Taken by:** DJM
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** 3 tenants **(adults)**
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~7'.
Basement Ceiling Height (to joists): Front_____~6.5 ft_____ **; Back**_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):
-Canister placed on top of fridge per request

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: 4 Morton Street Basement

Sample ID: 045163-4MORT-B

Date: 2/26/2026 to 2/27/2026
Sampling personnel: D. Miller
Summa Canister ID:4875
Flow Regulator ID: 02872
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 11:32 (2/26/2026)
Sampling Finish Time: 11:32 (2/27/2026)

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

	During Sampling	
	Time	**Vacuum**
2/26/2026	11:32	See notes
2/27/2026	11:32	-3.43

Pressure gauge reading (Pre-opening): **Flow Controller:** See notes
Pressure gauge reading (After sample collected): **Flow Controller:** -3.43 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	37	34
Barometric Pressure (in. Hg):	29.89	30.12
Prevailing Wind Direction:	W	SW
General Weather Conditions:	Sunny	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	60	60
Barometric Pressure (in. Hg):	29.89	30.12

PID readings at sample location (ppmv): 0-0.1

Photographs taken before sampling? Yes **If Yes, what time:** 1130 **Taken by:** DJM
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? No
Were any of the residents home during sampling? Yes **If yes, provide detail:** 3 tenants **(adults)**
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~5'.
Basement Ceiling Height (to joists): Front_____~6.5 ft_____ **; Back**_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):
-Regulator 02872 was reading -17 in. hg. upon opening. Checked with regulator 01208 and it was reading -30 in. hg, so can appeared fine. Reattached to 02872 and ran sample.

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
4 Morton Street
First Floor (Kitchen)

Sample ID: 045163-4MORT-1

Date: 3/5/26 - 3/6/26
Sampling personnel: N. Troccolo
Summa Canister ID: 2665
Flow Regulator ID: 02895
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 9:05 (3/5/26)
Sampling Finish Time: 9:05 (3/5/26)

	During Sampling	
	Time	**Vacuum**
3/5/2026	9:05	-30.79
3/6/2026	9:05	-10.72

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.79 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -10.72 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	36	31
Barometric Pressure (in. Hg):	30.26	30.40
Prevailing Wind Direction:	N	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~70	~70
Barometric Pressure (in. Hg):	30.26	30.40

PID readings at sample location (ppm): 0.1 - 0.3

Photographs taken before sampling? Yes **If Yes, what time:** 9:05 **Taken by:** NMT
Photographs taken after sampling? No **If Yes, what time:** _____ **Taken by:** _____

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? Yes
Were any of the residents home during sampling? Yes **If yes, provide detail:** 3 Tenants (adults)
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ____5'_____.
Basement Ceiling Height (to joists): Front ____77.5"____; Back____78.5"____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): Basement used for storage and laundry

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: 4 Morton Street Basement

Sample ID: 045163-4MORT-B

Date: 3/5/26 - 3/6/26

Sampling personnel: N. Troccolo

Summa Canister ID: 3337

Flow Regulator ID: 0988

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 9:10 (3/5/26)

Sampling Finish Time: 9:10 (3/5/26)

During Sampling		
	Time	**Vacuum**
3/5/2026	9:10	-30.83
3/6/2026	9:10	-7.24

Did Summa canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): Flow Controller: -30.83 in. Hg (0.00 before opening)

Pressure gauge reading (After sample collected): Flow Controller: -7.24 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	36	31
Barometric Pressure (in. Hg):	30.26	30.40
Prevailing Wind Direction:	N	NE
General Weather Conditions:	Cloudy	Cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	~66	~66
Barometric Pressure (in. Hg):	30.26	30.40

PID readings at sample location (ppm): 0 - 0.1

Photographs taken before sampling? Yes **If Yes, what time:** 9:10 **Taken by:** NMT

Photographs taken after sampling? No **If Yes, what time:** _____ **Taken by:** _____

Was the building aired out prior to sample collection? No **If yes, how long?**

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes

Were any of the residents home during sampling? Yes **If yes, provide detail:** 3 Tenants (adults)

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ____5'_____.

Basement Ceiling Height (to joists): Front ____77.5"____; Back____78.5"____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.): Basement used for storage and laundry

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
84 Franklin St - First Floor

Sample ID: 045163-84-FRANK-F1

Date: 3/17/26 to 3/18/26
Sampling personnel: J.Graff
Summa Canister ID: 5814
Flow Regulator ID: 0091
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 0730 (3/17/26)
Sampling Finish Time: 0721 (3/18/26)

3/17/2026
3/18/2026

During Sampling	
Time	**Vacuum**
0730	-30.15
0721	-10.38

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.15 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -10.38 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	43	25
Barometric Pressure (in. Hg):	29.52	30.31
Prevailing Wind Direction:	W	WNW
General Weather Conditions:	cloudy/windy	Sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	68	68
Barometric Pressure (in. Hg):	29.48	30.29

PID readings at sample location (ppmv): 0.1

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** JWG
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? Yes
Were any of the residents home during sampling? Yes **If yes, provide detail:** 2 adults
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".
Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location:
84 Franklin St - Basement

Sample ID: 045163-84-FRANK-B

Date: 3/31/26 to 4/1/26
Sampling personnel: J.Graff
Summa Canister ID: 4973
Flow Regulator ID: 02910
Sample Type / Analysis Method: TO15/Summa
Sampling Start Time: 1607 (3/31/26)
Sampling Finish Time: 1601 (4/1/26)

	During Sampling	
	Time	**Vacuum**
3/31/2026	1607	-29.88
3/31/2026	1627	-29.56
4/1/2026	1601	-11.03

Did Summa canister go to ambient pressure? No
Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -29.88 in. Hg (0.00 before opening)
Pressure gauge reading (After sample collected): **Flow Controller:** -11.03 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	50	45
Barometric Pressure (in. Hg):	29.95	30.09
Prevailing Wind Direction:	NNE	NE
General Weather Conditions:	cloudy	cloudy

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	70	70
Barometric Pressure (in. Hg):	29.96	30.10

PID readings at sample location (ppmv): 0.2

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** JWG
Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**
Windows open? No **Ventilation fans?** No
Was there significant precipitation within 12 hours of (or during) the sampling event? Yes
Were any of the residents home during sampling? Yes **If yes, provide detail:** 2 adults
Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".
Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: First floor of residential space (bike room)

Sample ID: 045163-121WASH-RES-F1

Date: 3/17/26 to 3/18/26

Sampling personnel: J.Graff

Summa Canister ID: 2318

Flow Regulator ID: 0968

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0757 (3/17/26)

Sampling Finish Time: 0757 (3/18/26)

	During Sampling	
	Time	**Vacuum**
3/17/2026	0757	-30.50
3/18/2026	0757	-8.83

Did Summa canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.50 in. Hg (0.00 before opening)

Pressure gauge reading (After sample collected): **Flow Controller:** -8.83 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	41	25
Barometric Pressure (in. Hg):	29.55	30.34
Prevailing Wind Direction:	W	WNW
General Weather Conditions:	cloudy/windy	sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	60	60
Barometric Pressure (in. Hg):	29.53	30.31

PID readings at sample location (ppmv): 0.1

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** JWG

Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".

Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: Unit 1 (Kitchen Counter)

Sample ID: 045163-121WASH-UNIT1

Date: 3/17/26 to 3/18/26

Sampling personnel: J.Graff

Summa Canister ID: 1790

Flow Regulator ID: 01416

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0813 (3/17/26)

Sampling Finish Time: 0813 (3/18/26)

	During Sampling	
	Time	**Vacuum**
3/17/2026	0813	-30.37
3/18/2026	0813	-9.52

Did Summa canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -30.37 in. Hg (0.00 before opening)

Pressure gauge reading (After sample collected): **Flow Controller:** -9.52 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	41	25
Barometric Pressure (in. Hg):	29.55	30.34
Prevailing Wind Direction:	W	WNW
General Weather Conditions:	cloudy/windy	sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	72	70
Barometric Pressure (in. Hg):	29.53	30.30

PID readings at sample location (ppmv): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** JWG

Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".

Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

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AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: Unit 2 (Kitchen Island)

Sample ID: 045163-121WASH-UNIT2

Date: 3/17/26 to 3/18/26

Sampling personnel: J.Graff

Summa Canister ID: 3258

Flow Regulator ID: 02924

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0810 (3/17/26)

Sampling Finish Time: 0810 (3/18/26)

	During Sampling	
	Time	**Vacuum**
3/17/2026	0810	-29.72
3/18/2026	0810	-9.89

Did Summa canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -29.72 in. Hg (0.00 before opening)

Pressure gauge reading (After sample collected): **Flow Controller:** -9.89 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	41	25
Barometric Pressure (in. Hg):	29.55	30.34
Prevailing Wind Direction:	W	WNW
General Weather Conditions:	cloudy/windy	sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	70	70
Barometric Pressure (in. Hg):	29.53	30.30

PID readings at sample location (ppmv): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** JWG

Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".

Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

GEI Consultants

AMBIENT AIR SAMPLING CHECKLIST

Sampling Location: Unit 3 (Kitchen Island)

Sample ID: 045163-121WASH-UNIT3

Date: 3/17/26 to 3/18/26

Sampling personnel: J.Graff

Summa Canister ID: 2320

Flow Regulator ID: 02443

Sample Type / Analysis Method: TO15/Summa

Sampling Start Time: 0802 (3/17/26)

Sampling Finish Time: 0802 (3/18/26)

3/17/2026

3/18/2026

During Sampling	
Time	**Vacuum**
0802	-29.54
0802	-8.97

Did Summa canister go to ambient pressure? No

Vacuum pressure reported by Laboratory: ---

Pressure gauge reading (Pre-opening): **Flow Controller:** -29.54 in. Hg (0.00 before opening)

Pressure gauge reading (After sample collected): **Flow Controller:** -8.97 in. Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature (°F):	41	25
Barometric Pressure (in. Hg):	29.55	30.34
Prevailing Wind Direction:	W	WNW
General Weather Conditions:	cloudy/windy	sunny

Environmental Conditions (At Sample Location):	**Before Sampling**	**After Sampling**
Temperature (°F):	70	70
Barometric Pressure (in. Hg):	29.53	30.30

PID readings at sample location (ppmv): 0.0

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** JWG

Photographs taken after sampling? No **If Yes, what time:** **Taken by:**

Was the building aired out prior to sample collection? No **If yes, how long?**

Windows open? No **Ventilation fans?** No

Was there significant precipitation within 12 hours of (or during) the sampling event? Yes

Were any of the residents home during sampling? No **If yes, provide detail:**

Did any of the occupants NOT follow instruction for residents? No **If yes, describe below:**

Air intake at ~4'10".

Basement Ceiling Height (to joists): Front_____ ; Back_____.

Provide any information that may be pertinent to the sampling event and may assist in the data interpretation process. Also, note the usage of the basement (storage only, laundry, etc.):

GEI Consultants

SUB-SLAB SAMPLING CHECKLIST

Sampling Location:
SV1 "Trash Room"

Sample ID: 045163-121WASH-SV-1

Date: 3/18/26

Sampling personnel: J.Graff

Summa Canister ID: 2071

Flow Regulator ID: 03020

Sample Type / Analysis Method: TO-15

Sampling Start Time: 0853

Sampling Finish Time: 0943

Did Summa Canister go to ambient pressure? No

During Sampling	
Time	**Vacuum**
0853	-30.52
0908	-23.42
0923	-15.33
0936	-7.90
0943	-4.26

Pressure gauge reading (Pre-opening): **Flow Controller:** 0.00 --> -30.52 in.Hg

Pressure gauge reading (After sample collected): **Flow Controller:** -4.26 --> 0.00 in.Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature:	26°F	28°F
Barometric Pressure:	30.38	30.41
Prevailing Wind Direction:	WNW	WNW
General Weather Conditions:	sunny	sunny

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** JWG

Vacuum prior to sampling (in. WC): 0.000

Ambient air concentration (ppm): 0.0

Soil gas concentration prior to sampling (ppm): 0.0 to 0.1

Vapor point purged for ~5 min **with a MiniRAE 3000 (500-600 cc/min) prior to sampling.**

Comments:

GEI Consultants

SUB-SLAB SAMPLING CHECKLIST

Sampling Location:
SV-2 (under stairwell)

Sample ID: 045163-121WASH-SV-2

Date: 3/18/26

Sampling personnel: J.Graff

Summa Canister ID: 550

Flow Regulator ID: 0625

Sample Type / Analysis Method: TO-15

Sampling Start Time: 0902

Sampling Finish Time: 1002

Did Summa Canister go to ambient pressure? No

During Sampling	
Time	**Vacuum**
0902	-30.52
0917	-24.08
0932	-17.82
0947	-11.79
1002	-5.49

Pressure gauge reading (Pre-opening): **Flow Controller:** 0.00 --> -30.52 in.Hg

Pressure gauge reading (After sample collected): **Flow Controller:** -5.49 --> 0.00 in.Hg

Environmental Conditions (Outside):	**Before Sampling**	**After Sampling**
Temperature:	26°F	28°F
Barometric Pressure:	30.38	30.42
Prevailing Wind Direction:	WNW	WNW
General Weather Conditions:	sunny	sunny

Photographs taken before sampling? Yes **If Yes, what time:** **Taken by:** JWG

Vacuum prior to sampling (in. WC): 0.000

Ambient air concentration (ppm): 0.0

Soil gas concentration prior to sampling (ppm): 0.0 to 0.1

Vapor point purged for ~5 min **with a MiniRAE 3000 (500-600 cc/min) prior to sampling.**

Comments:

Appendix E MassDEP Short Forms

Resident - Indoor Air: Table RA-1
Exposure Point Concentration (EPC)
Based on Resident Ages 0-30 (Cancer) and 0-7 (Noncancer)

Shortforms Version June 2024

Method 3 Lookup Tables Version v0624

ELCR (all chemicals) = 2.02E-06

HI (all chemicals) = 3.93E-02

****Do not insert or delete any rows****

Click on empty cell below and select OHM using arrow.

Oil or Hazardous Material	EPC ($\mu g/m^3$)	$ELCR_{air}$	HQ_{air}	Notes
TETRACHLOROETHYLENE	1.6E+00	2.0E-06	3.9E-02	

MassDEP ORS
Contact: Azin Kavian
Azin.Kavian@mass.gov

Resident - Indoor Air: Table RA-2

Equations to Calculate Cancer Risk for Resident (Age 0-30 Years)

Cancer Risk from Inhalation

$$ELCR_{air} = LADE_{(0\text{-}30)} * URF$$

$$LADE = \frac{[OHM]_{air} * EF * ED * EP}{AP_{lifetime}}$$

Method 3 Lookup Tables Version v0624

Parameter	Value	Units
URF	OHM specific	$(\mu g/m^3)^{-1}$
LADE	age/OHM specific	$\mu g/m^3$
$[OHM]_{air}$	OHM specific	$\mu g/m^3$
EF	1	event/day
ED	1	day/event
EP	30	years
$AP_{lifetime}$	70	years

MassDEP ORS
Contact: Azin Kavian
Azin.Kavian@mass.gov

Resident - Indoor Air: Table RA-3

Equations to Calculate Noncancer Risk for Resident Child (Age 0-7 Years)

Method 3 Lookup Tables Version v0624

Noncancer Risk from Inhalation

$$HQ_{air} = \frac{ADE}{RfC}$$

$$ADE = \frac{[OHM]_{air} * EF * ED * EP * C}{AP}$$

Parameter	Value	Units
RfC	OHM specific	mg/m^3
ADE	OHM specific	mg/m^3
$[OHM]_{soil}$	OHM specific	$\mu g/m^3$
EF	1	event/day
ED	1	day/event
EP	7	years
C	0.001	mg/ug
$AP = AP_{(noncancer)}$	7	year

MassDEP ORS
Contact: Azin Kavian
Azin.Kavian@mass.gov

Resident - Indoor Air: Table RA-4
Definitions and Exposure Factors

Parameter	Value	Units	Notes
ELCR - Excess Lifetime Cancer Risk	chemical specific	dimensionless	
URF - Unit Risk Factor	chemical specific	$(\mu g/m^3)^{-1}$	see Tables RA-5 and RA-5c
LADE - Lifetime Average Daily Exposure	chemical specific	$\mu g/m^3$	see Tables RA-2 and RA-2a, RA-2b, and RA-2c
HQ - Hazard Quotient	chemical specific	dimensionless	
RfC - Reference Concentration	chemical specific	mg/m^3	see Table RA-5
ADE - Average Daily Exposure	chemical specific	mg/m^3	see Table RA-3
EPC - Exposure Point Concentration	chemical specific	$\mu g/m^3$	see Table RA-1
EF - Exposure Frequency	1	event/day	
ED - Exposure Duration	1	day/event	
$EP_{(0-7)}$ - Exposure Period age group 0-7 (noncancer)	7	years	
$EP_{(0-30)}$ - Exposure Period for age group 0-30 (cancer)	30	years	
$EP_{(0-2)}$ - Exposure Period for age group 0-2 (mutagenic cancer)	2	years	
$EP_{(2-16)}$ - Exposure Period for age group 2-16 (mutagenic cancer)	14	years	
$EP_{(2-30)}$ - Exposure Period for age group 2-30 (mutagenic cancer)	28	years	
$EP_{(16-30)}$ - Exposure Period for age group 16-30 (mutagenic cancer)	14	years	
$AP_{(noncancer)}$ - Averaging Period for noncancer	7	years	
$AP_{lifetime}$ - Averaging Period for cancer for lifetime	70	years	
$AP_{VC\ (0-2)}$ - Averaging Period AP for cancer for age group 0-2 for vinyl chloride (mutagen)	2	years	
$ADAF_{(0-2)}$ - Age Dependant Adjustment Factor for mutagens, age group 0-2	10	dimensionless	
$ADAF_{(2-16)}$ - Age Dependant Adjustment Factor for mutagens, age group 2-16	3	dimensionless	
$ADAF_{(16-30)}$ - Age Dependant Adjustment Factor for mutagens, age group 16-30	1	dimensionless	

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Contact: Azin Kavian
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Resident - Indoor Air: Table RA-5
Chemical-Specific Data

Oil or Hazardous Material	URF $(ug/m^3)^{-1}$	RfC mg/m^3	Notes
TETRACHLOROETHYLENE	3.00E-06	4.00E-02	

MassDEP ORS
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Resident - Indoor Air: Table RA-1

Exposure Point Concentration (EPC) - February 2026
4 Morton Street, Sommerville, Massachusetts
Based on Resident Ages 0-30 (Cancer) and 0-7 (Noncancer)

Shortforms Version June 2024
Method 3 Lookup Tables Version v0624

ELCR (all chemicals) = 7.42E-06
HI (all chemicals) = 1.44E-01

****Do not insert or delete any rows****

Click on empty cell below and select OHM using arrow.

Oil or Hazardous Material	EPC ($\mu g/m^3$)	$ELCR_{air}$	HQ_{air}	Notes
TETRACHLOROETHYLENE	5.8E+00	7.4E-06	1.4E-01	

MassDEP ORS
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Resident - Indoor Air: Table RA-1

Exposure Point Concentration (EPC) - March 2026
4 Morton Street, Sommerville, Massachusetts
Based on Resident Ages 0-30 (Cancer) and 0-7 (Noncancer)

Shortforms Version June 2024
Method 3 Lookup Tables Version v0624

ELCR (all chemicals) = 6.02E-06
HI (all chemicals) = 1.17E-01

****Do not insert or delete any rows****

Click on empty cell below and select OHM using arrow.

Oil or Hazardous Material	EPC ($\mu g/m^3$)	$ELCR_{air}$	HQ_{air}	Notes
TETRACHLOROETHYLENE	4.7E+00	6.0E-06	1.2E-01	

MassDEP ORS
Contact: Azin Kavian
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Resident - Indoor Air: Table RA-2

Equations to Calculate Cancer Risk for Resident (Age 0-30 Years)

4 Morton Street, Sommerville, Massachusetts

Cancer Risk from Inhalation

$$ELCR_{air} = LADE_{(0\text{-}30)} * URF$$

$$LADE = \frac{[OHM]_{air} * EF * ED * EP}{AP_{lifetime}}$$

Parameter	Value	Units
URF	OHM specific	$(\mu g/m^3)^{-1}$
LADE	age/OHM specific	$\mu g/m^3$
$[OHM]_{air}$	OHM specific	$\mu g/m^3$
EF	1	event/day
ED	1	day/event
EP	30	years
$AP_{lifetime}$	70	years

MassDEP ORS
Contact: Azin Kavian
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Resident - Indoor Air: Table RA-3

Equations to Calculate Noncancer Risk for Resident Child (Age 0-7 Years)

4 Morton Street, Sommerville, Massachusetts

Method 3 Lookup Tables Version v0624

Noncancer Risk from Inhalation

$$HQ_{air} = \frac{ADE}{RfC}$$

$$ADE = \frac{[OHM]_{air} * EF * ED * EP * C}{AP}$$

Parameter	Value	Units
RfC	OHM specific	mg/m^3
ADE	OHM specific	mg/m^3
$[OHM]_{soil}$	OHM specific	$\mu g/m^3$
EF	1	event/day
ED	1	day/event
EP	7	years
C	0.001	mg/ug
$AP = AP_{(noncancer)}$	7	year

MassDEP ORS
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Resident - Indoor Air: Table RA-4
Definitions and Exposure Factors
4 Morton Street, Sommerville, Massachusetts

Method 3 Lookup Tables Version v0624

Parameter	Value	Units	Notes
ELCR - Excess Lifetime Cancer Risk	chemical specific	dimensionless	
URF - Unit Risk Factor	chemical specific	$(\mu g/m^3)^{-1}$	see Tables RA-5 and RA-5c
LADE - Lifetime Average Daily Exposure	chemical specific	$\mu g/m^3$	see Tables RA-2 and RA-2a, RA-2b, and RA-2c
HQ - Hazard Quotient	chemical specific	dimensionless	
RfC - Reference Concentration	chemical specific	mg/m^3	see Table RA-5
ADE - Average Daily Exposure	chemical specific	mg/m^3	see Table RA-3
EPC - Exposure Point Concentration	chemical specific	$\mu g/m^3$	see Table RA-1
EF - Exposure Frequency	1	event/day	
ED - Exposure Duration	1	day/event	
$EP_{(0-7)}$ - Exposure Period age group 0-7 (noncancer)	7	years	
$EP_{(0-30)}$ - Exposure Period for age group 0-30 (cancer)	30	years	
$EP_{(0-2)}$ - Exposure Period for age group 0-2 (mutagenic cancer)	2	years	
$EP_{(2-16)}$ - Exposure Period for age group 2-16 (mutagenic cancer)	14	years	
$EP_{(2-30)}$ - Exposure Period for age group 2-30 (mutagenic cancer)	28	years	
$EP_{(16-30)}$ - Exposure Period for age group 16-30 (mutagenic cancer)	14	years	
$AP_{(noncancer)}$ - Averaging Period for noncancer	7	years	
$AP_{lifetime}$ - Averaging Period for cancer for lifetime	70	years	
$AP_{VC\ (0-2)}$ - Averaging Period AP for cancer for age group 0-2 for vinyl chloride (mutagen)	2	years	
$ADAF_{(0-2)}$ - Age Dependant Adjustment Factor for mutagens, age group 0-2	10	dimensionless	
$ADAF_{(2-16)}$ - Age Dependant Adjustment Factor for mutagens, age group 2-16	3	dimensionless	
$ADAF_{(16-30)}$ - Age Dependant Adjustment Factor for mutagens, age group 16-30	1	dimensionless	

MassDEP ORS
Contact: Azin Kavian
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Resident - Indoor Air: Table RA-5
Chemical-Specific Data
4 Morton Street, Sommerville, Massachusetts

Method 3 Lookup Tables Version v0624

Oil or Hazardous Material	URF $(ug/m^3)^{-1}$	RfC mg/m^3	Notes
TETRACHLOROETHYLENE	3.00E-06	4.00E-02	

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Contact: Azin Kavian
Azin.Kavian@mass.gov

Resident - Indoor Air: Table RA-1
Exposure Point Concentration (EPC) - January 2026
19 Tufts Street, Sommerville, Massachusetts
Based on Resident Ages 0-30 (Cancer) and 0-7 (Noncancer)

Shortforms Version June 2024
Method 3 Lookup Tables Version v0624

ELCR (all chemicals) = 4.96E-06
HI (all chemicals) = 9.65E-02

****Do not insert or delete any rows****

Click on empty cell below and select OHM using arrow.

Oil or Hazardous Material	EPC ($\mu g/m^3$)	$ELCR_{air}$	HQ_{air}	Notes
TETRACHLOROETHYLENE	3.9E+00	5.0E-06	9.7E-02	

MassDEP ORS
Contact: Azin Kavian
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Resident - Indoor Air: Table RA-1
Exposure Point Concentration (EPC) - March 2026
19 Tufts Street, Sommerville, Massachusetts
Based on Resident Ages 0-30 (Cancer) and 0-7 (Noncancer)

Shortforms Version June 2024
Method 3 Lookup Tables Version v0624

ELCR (all chemicals) = 2.39E-06
HI (all chemicals) = 4.65E-02

****Do not insert or delete any rows****

Click on empty cell below and select OHM using arrow.

Oil or Hazardous Material	EPC ($\mu g/m^3$)	$ELCR_{air}$	HQ_{air}	Notes
TETRACHLOROETHYLENE	1.9E+00	2.4E-06	4.7E-02	

MassDEP ORS
Contact: Azin Kavian
Azin.Kavian@mass.gov

Resident - Indoor Air: Table RA-2

Equations to Calculate Cancer Risk for Resident (Age 0-30 Years)

19 Tufts Street, Sommerville, Massachusetts

Method 3 Lookup Tables Version v0624

Cancer Risk from Inhalation

$$ELCR_{air} = LADE_{(0\text{-}30)} * URF$$

$$LADE = \frac{[OHM]_{air} * EF * ED * EP}{AP_{lifetime}}$$

Parameter	Value	Units
URF	OHM specific	$(\mu g/m^3)^{-1}$
LADE	age/OHM specific	$\mu g/m^3$
$[OHM]_{air}$	OHM specific	$\mu g/m^3$
EF	1	event/day
ED	1	day/event
EP	30	years
$AP_{lifetime}$	70	years

MassDEP ORS
Contact: Azin Kavian
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Resident - Indoor Air: Table RA-3

Equations to Calculate Noncancer Risk for Resident Child (Age 0-7 Years)

19 Tufts Street, Sommerville, Massachusetts

Method 3 Lookup Tables Version v0624

Noncancer Risk from Inhalation

$$HQ_{air} = \frac{ADE}{RfC}$$

$$ADE = \frac{[OHM]_{air} * EF * ED * EP * C}{AP}$$

Parameter	Value	Units
RfC	OHM specific	mg/m^3
ADE	OHM specific	mg/m^3
$[OHM]_{soil}$	OHM specific	$\mu g/m^3$
EF	1	event/day
ED	1	day/event
EP	7	years
C	0.001	mg/ug
$AP = AP_{(noncancer)}$	7	year

MassDEP ORS
Contact: Azin Kavian
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Resident - Indoor Air: Table RA-4
Definitions and Exposure Factors
19 Tufts Street, Sommerville, Massachusetts

Parameter	Value	Units	Notes
ELCR - Excess Lifetime Cancer Risk	chemical specific	dimensionless	
URF - Unit Risk Factor	chemical specific	$(\mu g/m^3)^{-1}$	see Tables RA-5 and RA-5c
LADE - Lifetime Average Daily Exposure	chemical specific	$\mu g/m^3$	see Tables RA-2 and RA-2a, RA-2b, and RA-2c
HQ - Hazard Quotient	chemical specific	dimensionless	
RfC - Reference Concentration	chemical specific	mg/m^3	see Table RA-5
ADE - Average Daily Exposure	chemical specific	mg/m^3	see Table RA-3
EPC - Exposure Point Concentration	chemical specific	$\mu g/m^3$	see Table RA-1
EF - Exposure Frequency	1	event/day	
ED - Exposure Duration	1	day/event	
$EP_{(0-7)}$ - Exposure Period age group 0-7 (noncancer)	7	years	
$EP_{(0-30)}$ - Exposure Period for age group 0-30 (cancer)	30	years	
$EP_{(0-2)}$ - Exposure Period for age group 0-2 (mutagenic cancer)	2	years	
$EP_{(2-16)}$ - Exposure Period for age group 2-16 (mutagenic cancer)	14	years	
$EP_{(2-30)}$ - Exposure Period for age group 2-30 (mutagenic cancer)	28	years	
$EP_{(16-30)}$ - Exposure Period for age group 16-30 (mutagenic cancer)	14	years	
$AP_{(noncancer)}$ - Averaging Period for noncancer	7	years	
$AP_{lifetime}$ - Averaging Period for cancer for lifetime	70	years	
$AP_{VC\ (0-2)}$ - Averaging Period AP for cancer for age group 0-2 for vinyl chloride (mutagen)	2	years	
$ADAF_{(0-2)}$ - Age Dependant Adjustment Factor for mutagens, age group 0-2	10	dimensionless	
$ADAF_{(2-16)}$ - Age Dependant Adjustment Factor for mutagens, age group 2-16	3	dimensionless	
$ADAF_{(16-30)}$ - Age Dependant Adjustment Factor for mutagens, age group 16-30	1	dimensionless	

MassDEP ORS
Contact: Azin Kavian
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Resident - Indoor Air: Table RA-5
Chemical-Specific Data
19 Tufts Street, Sommerville, Massachusetts

Method 3 Lookup Tables Version v0624

Oil or Hazardous Material	URF $(ug/m^3)^{-1}$	RfC mg/m^3	Notes
TETRACHLOROETHYLENE	3.00E-06	4.00E-02	

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Resident - Indoor Air: Table RA-1
Exposure Point Concentration (EPC) - May 2024
97 Franklin Street, Sommerville, Massachusetts
Based on Resident Ages 0-30 (Cancer) and 0-7 (Noncancer)

Shortforms Version June 2024
Method 3 Lookup Tables Version v0624

ELCR (all chemicals) = 3.39E-06
HI (all chemicals) = 2.88E-01

****Do not insert or delete any rows****

Click on empty cell below and select OHM using arrow.

Oil or Hazardous Material	EPC ($\mu g/m^3$)	$ELCR_{air}$	HQ_{air}	Notes
TETRACHLOROETHYLENE	1.7E+00	2.2E-06	4.3E-02	
TRICHLOROETHYLENE	4.9E-01	1.2E-06	2.4E-01	**ELCR calculations are on the "TCE C" tab.**

MassDEP ORS
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Resident - Indoor Air: Table RA-1
Exposure Point Concentration (EPC) - February 2025
97 Franklin Street, Sommerville, Massachusetts
Based on Resident Ages 0-30 (Cancer) and 0-7 (Noncancer)

Shortforms Version June 2024
Method 3 Lookup Tables Version v0624

ELCR (all chemicals) = 2.66E-06
HI (all chemicals) = 5.50E-01

****Do not insert or delete any rows****

Click on empty cell below and select OHM using arrow.

Oil or Hazardous Material	EPC ($\mu g/m^3$)	$ELCR_{air}$	HQ_{air}	Notes
TRICHLOROETHYLENE	1.1E+00	2.7E-06	5.5E-01	**ELCR calculations are on the "TCE C" tab.**

MassDEP ORS
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Resident - Indoor Air: Table RA-2

Equations to Calculate Cancer Risk for Resident (Age 0-30 Years)

97 Franklin Street, Sommerville, Massachusetts

Method 3 Lookup Tables Version v0624

Cancer Risk from Inhalation

$$ELCR_{air} = LADE_{(0\text{-}30)} * URF$$

$$LADE = \frac{[OHM]_{air} * EF * ED * EP}{AP_{lifetime}}$$

Parameter	Value	Units
URF	OHM specific	$(\mu g/m^3)^{-1}$
LADE	age/OHM specific	$\mu g/m^3$
$[OHM]_{air}$	OHM specific	$\mu g/m^3$
EF	1	event/day
ED	1	day/event
EP	30	years
$AP_{lifetime}$	70	years

MassDEP ORS
Contact: Azin Kavian
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Resident - Indoor Air: Table RA-2c Trichloroethylene

Equations to Calculate Mutagenic Cancer Risk for Resident (Age 0-30 Years)

97 Franklin Street, Sommerville, Massachusetts

Method 3 Lookup Tables Version v0624

Total Cancer Risk for Mutagenic and Non-Mutagenic Effects

$$ELCR^{total} = ELCR^{mut} + ELCR^{nonmut}$$

TCE has mutagenic effects on kidney and non-mutagenic effects on liver and non-hodgekins lymphoma (NHL).

Cancer Risk from Inhalation

$$ELCR^{mut} = LADE^{mut}_{(0\text{-}30)} * URF^{mut}$$

$$LADE^{mut}_{(0\text{-}30)} = LADE_{(0\text{-}2)} * ADAF_{(0\text{-}2)} + LADE_{(2\text{-}16)} * ADAF_{(2\text{-}16)} + LADE_{(16\text{-}30)} * ADAF_{(16\text{-}30)}$$

$$ELCR^{nonmut} = LADE^{nonmut}_{(0\text{-}30)} * URF^{nonmut}$$

$$LADE^{nonmut}_{(0\text{-}30)} = LADE_{(0\text{-}30)}$$

$$LADE_x = \frac{[OHM]_{air} * EF * ED * EP_x}{AP_{lifetime}}$$

NOTE: These calculations are based on EPA's default method for accounting for early life exposures to mutagenic compounds.

Parameter	Value	Units
URF	OHM-specific	$(\mu g/m^3)^{-1}$
LADE	age/OHM-specific	$\mu g/m^3$
$[OHM]_{air}$	OHM specific	$\mu g/m^3$
EF	1	event/day
ED	1	day/event
$EP_{(0\text{-}30)}$	30	years
$EP_{(0\text{-}2)}$	2	years
$EP_{(2\text{-}16)}$	14	years
$EP_{(16\text{-}30)}$	14	years
$AP_{lifetime}$	70	years
$ADAF_{(0\text{-}2)}$	10	dimensionless
$ADAF_{(2\text{-}16)}$	3	dimensionless
$ADAF_{(16\text{-}30)}$	1	dimensionless

MassDEP ORS
Contact: Azin Kavian
Azin.Kavian@mass.gov

Resident - Indoor Air: Table RA-3

Equations to Calculate Noncancer Risk for Resident Child (Age 0-7 Years)

97 Franklin Street, Sommerville, Massachusetts

Method 3 Lookup Tables Version v0624

Noncancer Risk from Inhalation

$$HQ_{air} = \frac{ADE}{RfC}$$

$$ADE = \frac{[OHM]_{air} * EF * ED * EP * C}{AP}$$

Parameter	Value	Units
RfC	OHM specific	mg/m^3
ADE	OHM specific	mg/m^3
$[OHM]_{soil}$	OHM specific	$\mu g/m^3$
EF	1	event/day
ED	1	day/event
EP	7	years
C	0.001	mg/ug
$AP = AP_{(noncancer)}$	7	year

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Resident - Indoor Air: Table RA-4
Definitions and Exposure Factors
97 Franklin Street, Sommerville, Massachusetts

Method 3 Lookup Tables Version v0624

Parameter	Value	Units	Notes
ELCR - Excess Lifetime Cancer Risk	chemical specific	dimensionless	
URF - Unit Risk Factor	chemical specific	$(\mu g/m^3)^{-1}$	see Tables RA-5 and RA-5c
LADE - Lifetime Average Daily Exposure	chemical specific	$\mu g/m^3$	see Tables RA-2 and RA-2a, RA-2b, and RA-2c
HQ - Hazard Quotient	chemical specific	dimensionless	
RfC - Reference Concentration	chemical specific	mg/m^3	see Table RA-5
ADE - Average Daily Exposure	chemical specific	mg/m^3	see Table RA-3
EPC - Exposure Point Concentration	chemical specific	$\mu g/m^3$	see Table RA-1
EF - Exposure Frequency	1	event/day	
ED - Exposure Duration	1	day/event	
$EP_{(0-7)}$ - Exposure Period age group 0-7 (noncancer)	7	years	
$EP_{(0-30)}$ - Exposure Period for age group 0-30 (cancer)	30	years	
$EP_{(0-2)}$ - Exposure Period for age group 0-2 (mutagenic cancer)	2	years	
$EP_{(2-16)}$ - Exposure Period for age group 2-16 (mutagenic cancer)	14	years	
$EP_{(2-30)}$ - Exposure Period for age group 2-30 (mutagenic cancer)	28	years	
$EP_{(16-30)}$ - Exposure Period for age group 16-30 (mutagenic cancer)	14	years	
$AP_{(noncancer)}$ - Averaging Period for noncancer	7	years	
$AP_{lifetime}$ - Averaging Period for cancer for lifetime	70	years	
$AP_{VC\ (0-2)}$ - Averaging Period AP for cancer for age group 0-2 for vinyl chloride (mutagen)	2	years	
$ADAF_{(0-2)}$ - Age Dependant Adjustment Factor for mutagens, age group 0-2	10	dimensionless	
$ADAF_{(2-16)}$ - Age Dependant Adjustment Factor for mutagens, age group 2-16	3	dimensionless	
$ADAF_{(16-30)}$ - Age Dependant Adjustment Factor for mutagens, age group 16-30	1	dimensionless	

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Resident - Indoor Air: Table RA-5
Chemical-Specific Data
97 Franklin Street, Sommerville, Massachusetts

Method 3 Lookup Tables Version v0624

Oil or Hazardous Material	URF $(ug/m^3)^{-1}$	RfC mg/m^3	Notes
TETRACHLOROETHYLENE	3.00E-06	4.00E-02	
TRICHLOROETHYLENE		2.00E-03	**TCE has two URF values; see TCE C Tab!**

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Trichloroethylene

Method 3 Lookup Tables Version v0624

Oil or Hazardous Material (OHM)	EPC ($\mu g/m^3$)
Trichloroethylene	4.9E-01

Fact Sheet, TCE Toxicity Information: Implications for Chronic and Shorter-Term Exposure, August 15, 2014 (published January 23, 2013, revised 4/18/13 and 3/27/2014).

https://www.mass.gov/doc/tce-toxicity-information-implications-for-chronic-and-shorter-term-exposure-fact-sheet/download

Resident - Indoor Air: Table RA-5c Chemical-Specific Data

Oil or Hazardous Material	Non-Mutagenic (Liver and NHL) URF $(\mu g/m^3)^{-1}$	Mutagenic (Kidney) URF $(\mu g/m^3)^{-1}$	RfC mg/m^3
Trichloroethylene	3.10E-06	1.00E-06	2.00E-03

Excess Lifetime Cancer Risk (ELCR) Calculations - May 2024

		Non-Mutagenic Effect	Mutagenic Effect	
Oil or Hazardous Material	EPC ($\mu g/m^3$)	(Liver and NHL) $ELCR_{air}$	(Kidney) $ELCR_{air}$	Total $ELCR_{air}$
Trichloroethylene	4.9E-01	6.5E-07	5.30914E-07	**1.2E-06**

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Trichloroethylene

Method 3 Lookup Tables Version v0624

Oil or Hazardous Material (OHM)	EPC ($\mu g/m^3$)
Trichloroethylene	1.1E+00

Fact Sheet, TCE Toxicity Information: Implications for Chronic and Shorter-Term Exposure, August 15, 2014 (published January 23, 2013, revised 4/18/13 and 3/27/2014).

https://www.mass.gov/doc/tce-toxicity-information-implications-for-chronic-and-shorter-term-exposure-fact-sheet/download

Resident - Indoor Air: Table RA-5c Chemical-Specific Data

Oil or Hazardous Material	Non-Mutagenic (Liver and NHL) URF $(\mu g/m^3)^{-1}$	Mutagenic (Kidney) URF $(\mu g/m^3)^{-1}$	RfC mg/m^3
Trichloroethylene	3.10E-06	1.00E-06	2.00E-03

Excess Lifetime Cancer Risk (ELCR) Calculations - February 2025

		Non-Mutagenic Effect	Mutagenic Effect	
Oil or Hazardous Material	EPC ($\mu g/m^3$)	(Liver and NHL) $ELCR_{air}$	(Kidney) $ELCR_{air}$	Total $ELCR_{air}$
Trichloroethylene	1.1E+00	1.5E-06	1.19429E-06	**2.7E-06**

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